# Tasnif-abbasi, Maryam@DTSC

From: Surrency, Ross <RSurrency@trcsolutions.com>

**Sent:** Tuesday, June 07, 2016 2:59 PM

Tasnif-abbasi, Maryam@DTSC; Neal, Greg@DTSC

**Cc:** rmbeers777@hotmail.com; Vince Bartleman (v.bartleman@verizon.net); Lennon, David

**Subject:** Riverside Ag Park

Attachments: FRA Ag Park - Work Plan (June 7 2016)(FINAL).pdf

Maryam,

Attached, please find the revised Work Plan for the former Riverside Ag Park. The following changes have been made to the February 10, 2016 version of the plan:

- The Air Monitoring section on page 6 was updated to include a reference to the Air Monitoring Plan Addendum (Appendix A).
- The Cleanup Goal section on page 6 was updated to include a reference to recent soil sampling results (Appendix B).
- Figures 1-4 have been revised to indicate the correct designation of fill vs cut lots.
- Figure 5 has been updated with a current aerial photo.
- The Air Monitoring Plan Addendum was added as Appendix A.
- Appendix B was added and includes a cover letter, data summary tables including results from samples collected from March 22 to May 23, 2016 (data already provided to Greg), a site plan with sample locations, and laboratory data on a CD.

The laboratory data is being send overnight on a CD.

Please let me know if you have any questions or need additional information.

Regards,

Ross Surrency, PG Senior Project Geologist



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June 7, 2016

Ms. Maryam Tasnif-Abassi Department of Toxic Substances Control 5796 Corporate Avenue Cypress, California 90630

SITE: FORMER AGRICULTURAL PARK

7020 CREST AVENUE RIVERSIDE, CALIFORNIA

RE: SOIL SAMPLING AND EXCAVATION WORK PLAN

Dear Ms. Tasnif-Abassi:

This Work Plan is provided to describe upcoming activities that will be conducted at the former Riverside Agricultural Park located at 7020 Crest Avenue in Riverside, California. Based on soil sampling efforts conducted in November 2015, as documented in the *Former Riverside Agricultural Park Soil Sampling Report* dated January 6, 2016, it was determined that surface soil with polychlorinated biphenyl (PCB) concentrations above the cleanup goal of 0.22 milligrams per kilogram (mg/kg) was present at select locations. A description of previous remediation activities and planned future work activities are presented in this Work Plan.

# **Phase I Activities - 2009**

The scope of the first phase of soil removal was to excavate, remove, and properly dispose of soils containing PCB concentrations in excess of 50 mg/kg from locations determined by previous Site investigation efforts. In addition, soil samples were collected from select locations and analyzed for dioxins, furans and metals.

The remedial excavation alternative selected for the project included the removal, transportation, and proper disposal of PCB and metals-impacted soil. Between April and July 2009, Friends of the Riverside Airport LLC (FRA) removed soil containing PCB concentrations above 50 mg/kg. All remedial excavation activities were completed in July 2009. Excavation areas were concluded only after all confirmation samples from the excavation sidewalls and bottoms returned laboratory data results that verified the remaining soil was <50 mg/kg for PCBs.

All excavated soil with PCB concentrations at or above 50 mg/kg was transported offsite to the Waste Management, Incorporated, Kettleman Hills facility in Kettleman City, California. Soil containing PCB concentrations above 50 mg/kg at locations identified during previous Site

characterization efforts has been removed, transported offsite, and disposed of properly. A total of ~8,666 tons of PCB- and /or metals-impacted soil were transported offsite for disposal. Additional items removed from the site include brush debris (green waste), PCB-contaminated concrete, sewer pipe, and utility poles.

A total of 31 soil samples were analyzed for dioxin/furan congeners. Of the samples analyzed, 13 contained 2,3,7,8-TCDD Equivalent concentrations in excess of the health-based screening level for residential land-use (i.e., 4.5 picograms per gram [pg/g] or 4.5E-6 mg/kg). This health-based screening level represents the USEPA Regional Screening Level (RSL) established by Region IX (USEPA, 2008). The samples that contained the highest concentrations of 2,3,7,8-TCDD Eq. are TP-30E (4,817.7), TP-30S (8,372.8), and TP-30W (300.7). These three samples are co-located with PCB-impacted soil. Six additional samples exceeded the health-based screening level (B-67, TP-29, S-22+20E, TP-30N, TP-30B, and TP-103). These nine samples are co-located with PCB-impacted areas, and were removed during Phase 2 mass grading activities.

# Phase II Activities – 2013/2014

The scope of the second phase of soil removal was to excavate, remove, and properly dispose of soils containing PCB concentrations in excess of 0.22 mg/kg from locations determined by previous site investigation efforts. In addition, soil samples were collected from select locations and analyzed for dioxins, furans and metals.

Between July 2013 and January 2014, FRA removed soil containing PCB concentrations above 0.22 mg/kg. Excavation areas were concluded only after all confirmation samples from the excavation sidewalls and bottoms returned laboratory data results that verified the remaining soil was <0.22 mg/kg for PCBs.

PCB-impacted soil (165,226.64 tons) generated during excavation activities was characterized as a non-hazardous waste and transported to the Waste Management, Inc. Azusa Land Reclamation facility in Azusa, California, for recycling. Additional materials that were removed from the Site included clean soil (30,782 tons), concrete (4,481.37 tons), green waste (422.26 tons), and asbestos-cement pipe (50.82 tons).

Thirteen dioxin/furan-impacted locations identified during Phase 1 activities were addressed by conducting additional excavation and confirmation sampling. Of the 50 confirmation samples collected, 17 were above the health-based screening level (4.5 pg/g). Consequently, additional soil was removed from these locations and more confirmation samples were collected. This procedure was repeated until all final confirmation sample results were below 4.5 pg/g.



# Planned Remediation Activities for 2016

Work activities will begin following approval of this work plan by DTSC and EPA and are anticipated to take place over a two to three month period. The work will be conducted based on four distinct types of areas or phases as described below:

- Cut Lots lots where soil was removed to achieve the final grade in Tract 28987;
- Fill Lots lots where soil was imported and compacted to achieve the final grade in Tract 28987;
- Outside Areas areas outside of the planned Phase I housing development; and
- Final Lot Sampling final confirmation soil sampling of all lots in Tract 28987 (Phase I) housing development.

Soil sampling and removal activities for each of these areas will proceed in the following manner:

#### Cut Lots

- Collect step-out soil samples in four directions at 25 feet and 50 feet from sample location exceeding PCB cleanup goal. Collect samples prior to soil removal. See Figure 1 for proposed sample locations.
- Remove soil around sample location exceeding cleanup goal to 1 foot deep and out to step-out sample limits (minimum 50 foot by 50 foot square excavation). Do not excavate within 2 feet of existing concrete curbs and gutters or driveway aprons on Jurupa Avenue, Clemente Court, and Drysdale Street. Leave curbs, gutters, and driveway aprons in place.
- Collect one bottom sample per 1,000 square feet with a minimum of three samples per removal area.
- Continue step-out sampling an additional 10 feet until results are below cleanup goal (0.22 mg/kg).
- Dispose of excavated soil offsite.

# Fill Lots

- Collect step-out soil samples in four directions at 60 feet from sample location exceeding PCB cleanup goal. Collect samples prior to soil removal. See Figure 2 for proposed sample locations.
- Remove soil around sample location exceeding cleanup goal to 1 foot deep and out to step-out sample limits (minimum 120 foot by 120 foot square excavation). Do not excavate within 2 feet of existing concrete curbs and gutters or driveway aprons on Jurupa Avenue, Clemente Court, and Drysdale Street. Leave curbs, gutters, and driveway aprons in place.



- Collect one bottom sample per 1,000 square feet with a minimum of three samples per removal area.
- Continue step-out sampling an additional 10 feet until results are below cleanup goal.
- Dispose of excavated soil offsite.

#### **Outside Areas**

- Re-sample the outside areas on a 62.5 foot grid. If a historic result is within 2 feet of the grid point and is below the cleanup goal then no sample required. See Figure 3 for proposed sample locations.
- Collect step-out soil samples in four directions at 25 and 50 feet from sample location exceeding PCB cleanup goal. Collect samples prior to soil removal.
- Remove soil around sample location exceeding cleanup goal to 1 foot deep and out to step-out sample limits (minimum 50 foot by 50 foot square excavation).
- Collect one bottom sample per 1,000 square feet with a minimum of three samples per removal area.
- Continue step-out sampling an additional 10 feet until results are below cleanup goal.
- Dispose of excavated soil offsite.
- Note: a minimum of 5 feet of clean fill will be imported and placed over all lots included in the future Phase II development area which is still in the planning phase.

# Tract 28987 Final Lot Sampling - See Figure 4 for proposed sample locations.

- For small lots, as defined in Table 1, collect 6 samples per lot (2 front yard, 2 side yard, and 2 back yard. Soil samples will not be collected in the location of a planned house.
- For large lots, as defined in Table 1, collect 8 samples per lot (2 front yard, 4 side yard, and 2 back yard. Soil samples will not be collected in the location of a planned house.
- For cut lots, collect only surface samples (0-6 inches).
- For fill lots, collect surface samples, two foot deep samples, and for fill 8 feet or deeper, 50% of the depth of the fill (not including concrete fill material).
- For all lots, if any result exceeds the cleanup goal, remove soil in the area 2 feet deep and laterally to adjacent sample location meeting the cleanup goal, then resample.
- Continue removing and sampling until results are below cleanup goal.
- Dispose of excavated soil offsite.



# Backfilling

Excavations created during these additional remediation activities will be backfilled and compacted. The import soil will come from a stockpile located south of Jurupa Avenue near the intersection of Jurupa Avenue and Van Buren Boulevard approximately 0.4 mile east of the site. This stockpile has been previously tested and meets the DTSC criteria for import fill soil. However, the soil will be resampled in accordance with DTSC import sampling criteria (12 samples for the first 5,000 cubic yards, then 1 sample for every 1,000 cubic yards thereafter) and the analytical results will be provided to DTSC for approval prior to beginning backfill activities.

# **Underground Utility Excavation**

Excavated soil from underground utility excavations in street areas for water, sewer, storm drain, telephone, gas, electric, and cable television will be stockpiled, tested, and then disposed of offsite at one of the soil disposal facilities listed below. The utility trenches will be backfilled with clean imported material. This work will be conducted after receipt of the certificate of completion from DTSC.

# Offsite Soil Disposal

- The proposed soil disposal facilities for soil containing PCBs below 50 mg/kg include the following:
  - Waste Management, Incorporated (WMI) facility at 2801 Madera Road, Simi Valley, California.
  - o WMI Azusa Land Reclamation facility at 1211 W. Gladstone Street, Azusa, California.
  - o WMI El Sobrante Landfill at 10910 Dawson Canyon Road, Corona, California.
- The proposed soil disposal facility for soil containing PCBs at or above 50 mg/kg is the Waste Management facility at 35251 Old Skyline Road, Kettleman City, California.
- Proposed haul route maps are provided as Figures 5 and 6.

#### Laboratory Analysis

The soil samples collected during confirmation sampling will be analyzed for PCBs using EPA Method 8082 with extraction by the Soxhlet method. The contract laboratory for this sampling effort will be Test America in Irvine, California. Chain of custody protocol will be followed for all samples. The chain of custody form accompanies the samples from the sampling locality to the laboratory, providing a continuous record of possession prior to analysis.



# Air Monitoring

Air monitoring will be performed during soil excavation activities according to Appendix E (Workplan for Air Monitoring) of the Frey Environmental *Revised Response Plan* dated June 19, 2006, and the TRC *Air Monitoring Plan Addendum* dated June 7, 2016 (Appendix A).

# Cleanup Goal

In accordance with the Response Plan that was approved by DTSC in 2006, all known PCBs found above the original cleanup level of 0.22 mg/kg in the November 2015 sampling event will be removed during this remediation. The 0.22 mg/kg used throughout the project is a conservative cleanup goal and lower than the level of 1 mg/kg, which EPA and DTSC considers health protective in a residential setting and falls within both agencies' acceptable risk range.

Confirmation samples will be collected during and after soil removal to ensure that the site is suitable for residential development, including sampling of each residential lot with up to eight sample locations. While it is possible that individual residual concentrations above 0.22 mg/kg may be found after the cleanup, the site will still be safe for residential use if the 95% upper confidence limit (UCL) concentrations for individual lots meet the cleanup goal of 0.22 mg/kg. A post-remediation risk evaluation will be developed in such cases for approval by DTSC.

Soil sampling results for samples collected after the initial drafting of this work plan are provided in Appendix B.

# Reporting

Following the completion of excavation activities, a summary report will be prepared.

- The report will include findings, tabulated laboratory results, sample location figures, and copies of manifests.
- A post-removal health risk analysis will be included in the report.

#### General

TRC will provide field oversight of excavation activities and will perform confirmation soil sampling.

A site-specific health and safety plan will be prepared by TRC and will be available at the site for use by TRC personnel and agency representatives.

The sampling requirements described in this Work Plan can be modified in the field by the DTSC or EPA if necessary to meet project objectives.



If you have any comments, please contact David Lennon at (949) 341-7458.

Sincerely,

David Lennon Principal Consultant Ross Surrency, PG Senior Project Geologist

Attachments: Figure 1 - Proposed Soil Sample Locations for Cut Lots

Figure 2 - Proposed Soil Sample Locations for Fill Lots

Figure 3 - Proposed Soil Sample Locations for Outside Areas

Figure 4 - Proposed Soil Sample Locations for Final Lot Sampling

Figure 5 - Soil Transportation Route to Van Buren Boulevard

Figure 6 - Soil Transportation Route from Van Buren Boulevard to Highway 60

Table 1 - Individual Lot Information

Appendix A – Air Monitoring Plan Addendum

Appendix B – Soil Sampling Memorandum (with laboratory data provided on a CD)

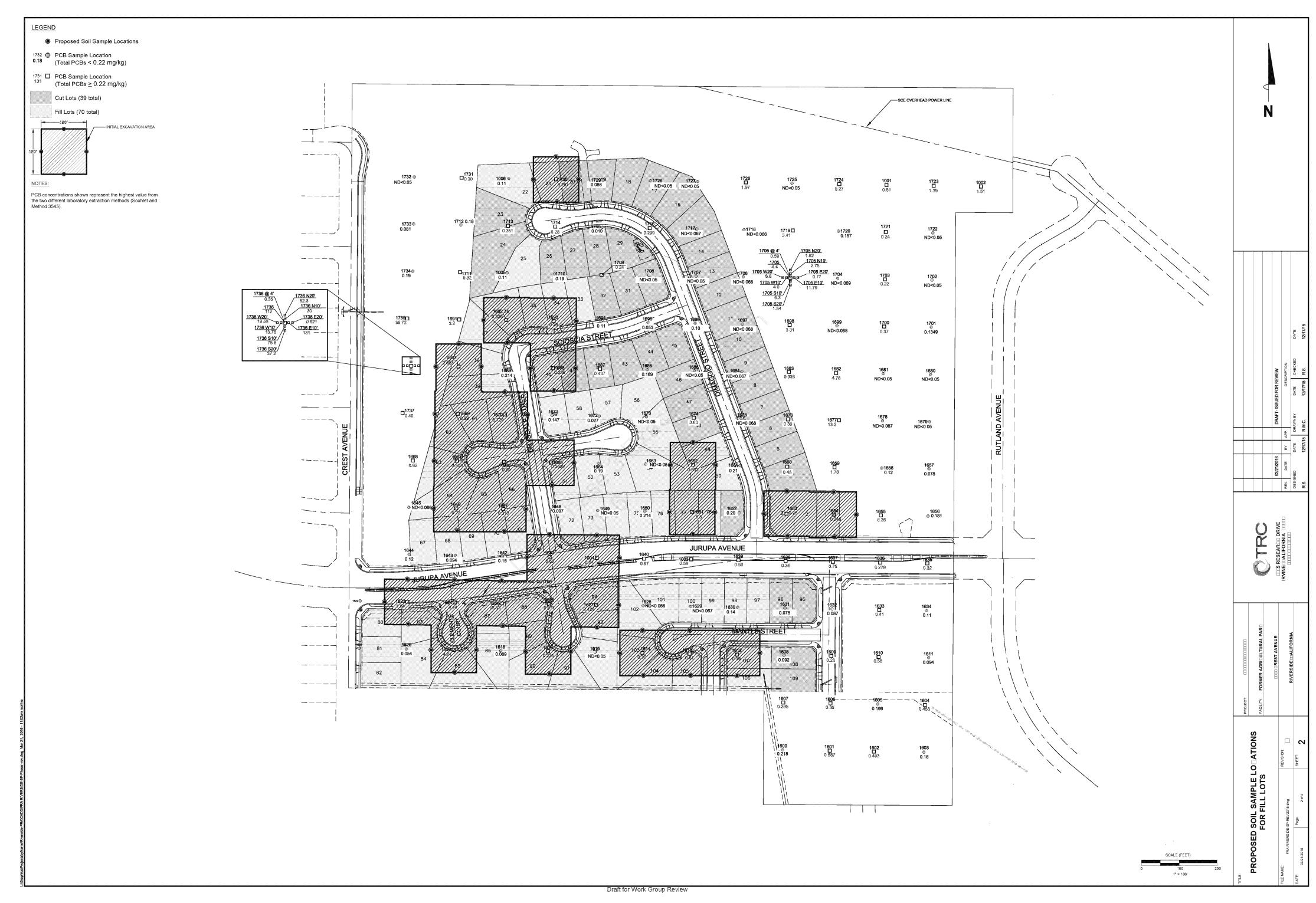
cc: Sara Ziff, EPA (electronic copy)

Katherine Baylor, EPA (electronic copy)

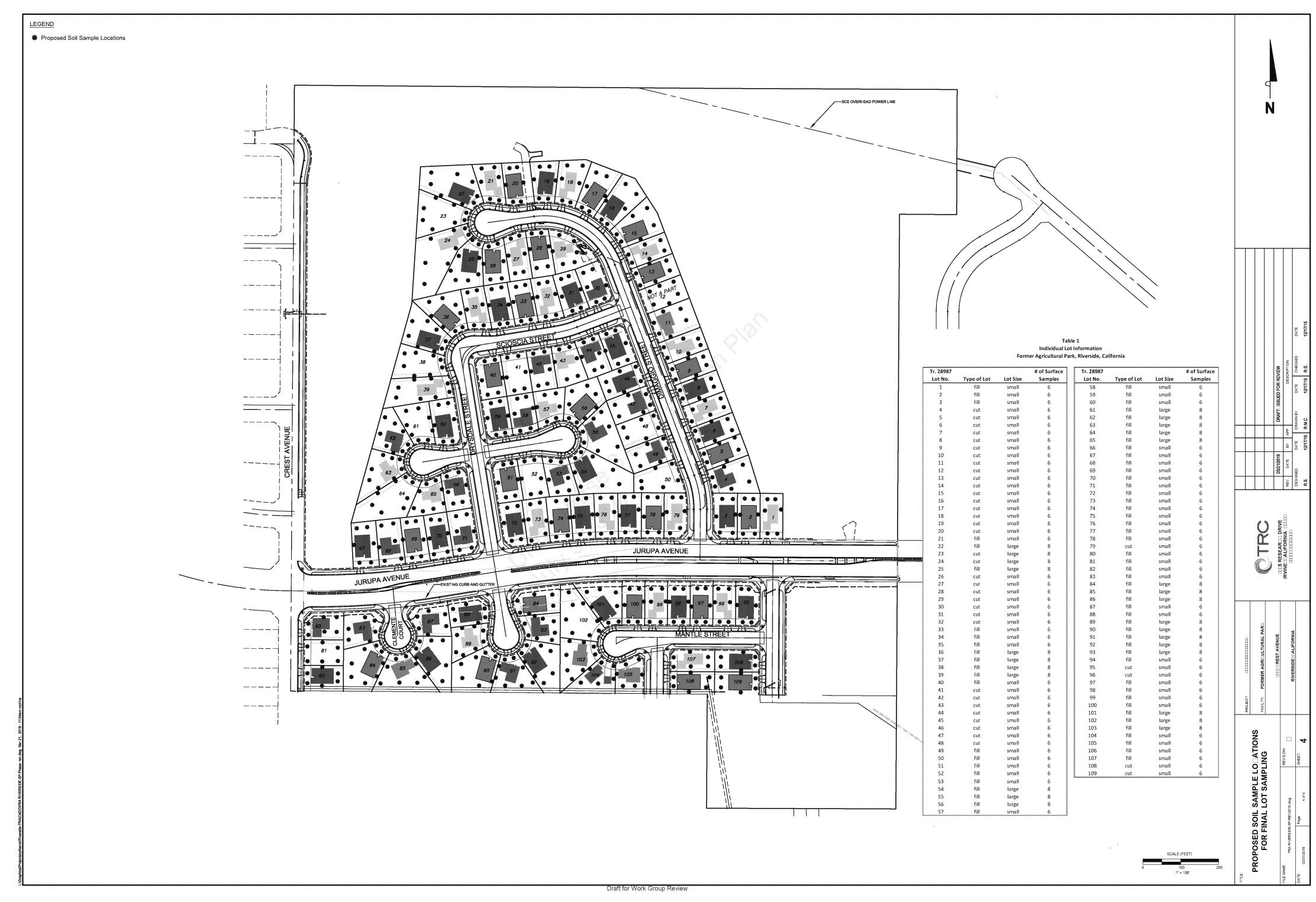
Greg Neal, DTSC (electronic copy)













NOTE:

Map provided by Google Earth Professional, dated 2/9/2016.



FACILITY:

FRIENDS OF THE RIVERSIDE AIRPORT, LLC 7020 CREST AVENUE RIVERSIDE, CALIFORNIA

SOIL TRANSPORTATION ROUTE TO **VAN BUREN BOULEVARD** 

FIGURE 5



Table 1 Individual Lot Information Former Agricultural Park, Riverside, California

Tr. 28987			# of Surface
Lot No.	Type of Lot	Lot Size	Samples
1	fill	small	6
2	fill	small	6
3	fill	small	6
4	cut	small	6
5	cut	small	6
6	cut	small	6
7	cut	small	6
8	cut	small	6
9	cut	small	6
10	cut	small	6
11	cut	small	6
12	cut	small	6
13	cut	small	6
14	cut	small	6
15	cut	small	6
16 17	cut	small	6
17	cut	small small	6 6
18 19	cut cut	small small	6
20	cut	small	6
20	fill	small	6
22	fill	large	8 ./
23	cut	large	8
24	cut	large	8
25	fill	large	8
26	cut	small	6
27	cut	small	6
28	cut	small	6
29	cut		6
30	cut	small	6
31	cut	small	6
32	cut	small	6
33	fill	small	6
34	fill	small	6
35	fill	small	6
36	fill	large	8
37	fill	large	8
38	fill	large	8
39	fill	large	8
40	fill	small 	6
41	cut	small	6
42	cut	small	6
43	cut	small	6
44 45	cut	small	6
45	cut	small	6
46 47	cut	small	6 6
47 48	cut	small small	6
48 49	cut fill	small	6
50	fill	small	6
51	fill	small	6
52	fill	small	6
53	fill	small	6
54	fill	large	8
55	fill	large	8
56	fill	large	8
57	fill	small	6

Tr. 28987			# of Surface
Lot No.	Type of Lot	Lot Size	Samples
58	fill	small	6
59	fill	small	6
60	fill	small	6
61	fill	large	8
62	fill	large	8
63	fill	large	8
64	fill	large	8
65	fill	large	8
66	fill	small	6
67	fill	small	6
68	fill	small	6
69	fill	small	6
70	fill	small	6
71	fill	small	6
72	fill	small	6
73	fill	small	6
74	fill	small	6
75	fill	small	6
76	fill	small	6
77	fill	small	6
78	fill	small	6
79 79	cut	small	6
80	fill	small	6
81	fill	small	6
82	fill	small	6
83	fill	small	6
84	fill	large	8
85	fill	large	8
86	fill	large	8
87	fill	small	6
88	fill	small	6
89	fill	large	8
90	fill	large	8
91	fill	large	8
92	fill	large	8
93	fill	large	8
93 94	fill	small	6
94 95	cut	small	6
95 96	cut	small	6
96 97	fill	small	6
97 98	fill	small	6
98 99	fill	small	6
100	fill	small	6
100	fill	large	8
101	fill	large	8
102	fill	large	8
103	fill	small	6
	fill		
105 106		small small	6
106	fill fill	small small	6
107	fill		6
108 109	cut cut	small small	6 6

# APPENDIX A AIR MONITORING PLAN ADDENDUM



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June 7, 2016

Ms. Maryam Tasnif-Abassi Department of Toxic Substances Control 5796 Corporate Avenue Cypress, California 90630

SITE: FORMER AGRICULTURAL PARK

7020 CREST AVENUE RIVERSIDE, CALIFORNIA

RE: AIR MONITORING PLAN ADDENDUM

Dear Ms. Tasnif-Abassi:

This document is intended to serve as an addendum to the *Workplan for Air Monitoring* provided as Appendix E in the Frey Environmental *Revised Response Plan – Excavation of Soils Containing PCBs* dated June 19, 2006. This addendum describes proposed methods to conduct upcoming air monitoring during soil removal efforts at the former Riverside Agricultural Park located at 7020 Crest Avenue in Riverside, California. Based on soil sampling efforts conducted in November 2015, as documented in the *Former Riverside Agricultural Park Soil Sampling Report* dated January 6, 2016, it was determined that surface soil with polychlorinated biphenyl (PCB) concentrations above the cleanup goal of 0.22 milligrams per kilogram (mg/kg) was present at select locations.

In 2009, Phase I of the remediation effort was conducted including excavation, removal, and proper disposal of soils containing PCB concentrations in excess of 50 mg/kg from locations determined by previous Site investigation efforts. In addition, soil samples were collected from select locations and analyzed for dioxins, furans and metals. All excavated soil with PCB concentrations at or above 50 mg/kg was transported offsite to the Waste Management, Incorporated, Kettleman Hills facility in Kettleman City, California. Soil containing PCB concentrations above 50 mg/kg at locations identified during previous Site characterization efforts has been removed, transported offsite, and disposed of properly. A total of ~8,666 tons of PCB-and/or metals-impacted soil were transported offsite for disposal. Additional items removed from the site include brush debris (green waste), PCB-contaminated concrete, sewer pipe, and utility poles.

In 2013/2014, Phase II of the removal effort was conducted including the excavation, removal, and disposal of soils containing PCB concentrations in excess of 0.22 mg/kg from locations

determined by previous site investigation efforts. In addition, soil samples were collected from select locations and analyzed for dioxins, furans and metals. PCB-impacted soil (165,226.64 tons) generated during excavation activities was characterized as a non-hazardous waste and transported to the Waste Management, Inc. Azusa Land Reclamation facility in Azusa, California, for recycling. Additional materials that were removed from the Site included clean soil (30,782 tons), concrete (4,481.37 tons), green waste (422.26 tons), and asbestos-cement pipe (50.82 tons).

Phase III work activities began on March 22, 2016 following approval of the *Soil Sampling and Excavation Work Plan* (TRC, 2016) by DTSC and EPA and are ongoing. The work is being conducted based on four distinct types of areas or phases as described below:

- Cut Lots lots where soil was removed to achieve the final grade in Tract 28987;
- Fill Lots lots where soil was imported and compacted to achieve the final grade in Tract 28987;
- Outside Areas areas outside of the planned Phase I housing development; and
- Final Lot Sampling final confirmation soil sampling of all lots in Tract 28987 (first phase of housing development).

Please refer to the *Soil Sampling and Excavation Work Plan* (TRC, 2016) for details regarding the sampling and excavation efforts planned for each area.

# **Background**

Construction activities, including excavation and soil loading, are capable of generating soil-derived dust. Suspension and dispersion of dust containing PCBs can be transported to nearby receptors where exposures may potentially occur. While the specific dust mitigation measures to be implemented during excavation and soil loading are intended to reduce the potential for dust generation, a program of measurement and verification is required to address the following objectives:

- Evaluate the influence of excavation activities on downwind dust concentrations.
- Identify the need for additional mitigation measures and/or work stoppage based on the dust levels observed, and
- Confirm that the concentrations of PCBs in air are below levels that are protective of public health.

Measurement of PCB concentrations in air requires the use of air sampling equipment and subsequent laboratory analysis. While air sampling approaches provide reliable measurements for presence of PCBs in air, the typical turnaround time for receipt of laboratory analytical data ranges from several days to weeks. Consequently, standard air sampling approaches may not identify an exceedance of a health-based concentration until days or weeks after the fact. In consideration of this limitation, the proposed air monitoring program is designed to provide both the efficacy of dust mitigation measures and to confirm that the work activities are performed in a manner that is protective of public health.



Real-time particulate monitoring provides more instantaneous feedback regarding the efficacy of the dust mitigation measures, but does not provide a direct measurement of the PCB concentration in air. Thus, the establishment of a health-based dust concentration limit (DCL) which is measureable by real-time air monitoring equipment is critical to preventing public exposures. The results of the particulate monitoring provide advance notice when dust levels at the project fenceline approach or exceed the DCL. This allows for prompt action to address and mitigate the condition such as increasing the frequency or volume of water applied to the work area or under extreme conditions, work stoppage. Development of a health-protective DCL is an essential element of the real-time particulate monitoring program. Additional details regarding the methodology utilized to establish a health-based DCL are provided in the following section.

#### **Health-Based Dust Concentration Limit Determination**

Derivation of the health-based DCL assumes that the concentration of PCBs in dust is proportional to PCB concentration detected in soil. The equation that describes the calculation of the health-based DCL is provided below:

$$DCL = REL_{PCB} / [C_{PCB} \times CF]$$

Where:

DCL = Health-Based Dust Concentration Limit ( $\mu g/m^3$ )

REL<sub>PCB</sub> = Health-Based Reference Exposure Level for PCBs in Air (µg/m<sup>3</sup>)

C<sub>PCB</sub> = Maximum Concentration of PCBs in Soil (mg/kg)

CF = Correction Factor (1E-6 kg soil/mg soil)

Based on the laboratory analytical results of soil samples collected at the Site, the maximum PCB concentration remaining is 500 mg/kg (Sample O2289-W25 at 0.5 fbg). In order to calculate the health-based DCL, a value representing the health-based reference exposure level for PCBs in air is required. Since the anticipated project duration is on the order of months as opposed to years, a chronic, non-cancer endpoint reference exposure level is a conservative and health-protective value to use for this analysis. The United States Environmental Protection Agency (USEPA) definition of a chronic exposure is one that occurs over a period of 7 years or longer. A summary of potentially applicable health-based reference exposure levels for PCBs in air in a residential setting is provided below:

Reference Exposure Level (µg/m³)	Basis for REL Value	Source of REL
7.3E-2	Chronic, Non-Cancer Endpoint (Original Value from Frey, 2006)	EPA Preliminary Remediation Goals, unspeciated mixture of PCBs (USEPA, 2004)
8.0E-2	Chronic, Non-Cancer Endpoint	Human Health Risk Assessment Note 3 Table, DTSC-modified Screening Level Reference



Reference Exposure Level (µg/m³)	Basis for REL Value	Source of REL
		Concentration for Aroclor 1254 (DTSC, 2016)
7.0E-2	Chronic, Non-Cancer Endpoint (route-to-route extrapolation from Oral Reference Dose [2E-5 mg/kg-day])	Integrated Risk Information System Oral Reference Dose for Aroclor 1254; extrapolated to Reference Concentration in air (USEPA, 2015)
1.2E-1	Sub-Chronic, Non-Cancer Endpoint (route-to-route extrapolation from Oral Minimum Risk Level [3E- 5 mg/kg-day])	Intermediate (15 to 364 days) Oral Minimum Risk Level for PCBs (Aroclor 1254); extrapolated to Reference Concentration in air (ATSDR, 2000)

#### Notes:

DTSC, 2016. California Department of Toxic Substances Control. Human and Ecological Risk Office. Human Health Risk Assessment Note 3 Tables. Reference Concentration and Residential Air Screening Level for High Risk PCBs (e.g., Aroclor 1254).

USEPA, 2004. United States Environmental Protection Agency. Region 9 Preliminary Remediation Goal Table, Air-H20, Non-Cancer Endpoint for Unspeciated Mixture of PCBs, High Risk (e.g., Aroclor 1254). October.

USEPA, 2015. United States Environmental Protection Agency. Integrated Risk Information System. Reference Exposure Level Extrapolated from Oral Reference Dose for Aroclor 1254 of 2E-5 mg/kg-day based on body weight of 70 kg and 20 m³/day inhalation rate for residential exposure.

ATSDR, 2000. Agency for Toxic Substances and Disease Registry. Toxicological Profile for Polychlorinated Biphenyls (PCBs). November.

The potentially applicable reference exposure levels for intermediate to chronic, non-cancer effects range from 0.07 to 0.12  $\mu g/m^3$ . These values are consistent with the reference exposure level utilized in the original dust action level calculation (Frey, 2006). For the purpose of calculating an updated DCL for Phase III remediation activities, the reference exposure level of 0.07  $\mu g/m^3$  was selected to derive the health-based DCL.

Table 1 provides an overview of the health-based DCL calculation and associated assumptions and references. Based on the current maximum PCB concentration detected in soil and the reference exposure level, the calculated health-based DCL for Phase III activities is approximately  $140 \, \mu g/m^3$ . Dust levels below this value would not result in PCB concentrations in air above the reference exposure level of  $0.07 \, \mu g/m^3$ . The calculated health-based DCL is considered very conservative as it was derived based on a chronic (7 years or longer) reference exposure level and



the maximum PCB concentration detected in soil, even though the anticipated project duration is only several months and the average PCB concentration would have been a more realistic representation of PCB levels that could be carried by dust during the cleanup.

Since the health-based DCL is higher than the 50 µg/m³ PM<sub>10</sub> concentration limit described in SCAQMD Rule 403 (as the difference between upwind and downwind samples) for fugitive dust controls, this lower value will represent the dust action level for the Phase III activities.

Monitoring for dioxins/furans was contemplated in the 2006 Response Plan. However, at the established dust action level (50  $\mu$ g/m3) for the Phase III cleanup, the maximum predicted concentration of dioxins in air using the maximum detected concentration in soil (4.5E-6 mg/kg after Phase II cleanup) would be 2E-13 mg/m³ (see the equation above). This value is well below the Community Action Level of 7E-9 mg/m³, and thus dioxin/furan sampling is not needed.

It should be noted that upon completion of additional sampling that is currently underway, the health-based DCL calculation will be re-evaluated based on the maximum PCB concentration in soil. If the resulting health-based DCL is determined to be lower than  $50 \, \mu g/m^3$ , the lower value will be used as the dust action level during Phase III activities.

# Proposed Air Monitoring Activities to be Performed During Phase III

Air monitoring will be performed during earth moving activities during Phase III of the remedial effort. Air monitoring activities will include wind monitoring, particulate monitoring for dust, and monitoring for PCB concentrations in air.

# Wind Monitoring

Wind speed and direction will be monitored with a Davis Vantage Pro 2 weather station. The weather station is battery operated and will continuously record wind speed and direction during excavation activities. Analog data will be transmitted from the wind speed and direction sensors to a data logger which will be downloaded at the end of each week.

# Particulate Monitoring

Air monitoring for particulates (PM<sub>10</sub>) will be conducted using Met One Instruments E-BAM portable beta attenuation monitors which are Federal Equivalent Method (FEM)-approved monitors. The monitors will be operated continuously during periods of soil disturbance on days where earth moving operations occur (maximum of 8 hours per day). One upwind monitor and two downwind monitors will be placed at the perimeter of the property to provide continuous monitoring of particulate matter. Field calibration checks will be performed on a weekly basis using a BGI deltaCal<sup>®</sup> air flow calibrator.

As previously described, the health-based DCL is approximately  $140 \,\mu g/m^3$ . Since the SCAQMD Rule  $403 \, PM_{10}$  concentration is lower than the health-based value, a value of  $50 \,\mu g/m^3$  is selected as the dust action level for Phase III activities. This action level is measured as the difference between the upwind and downwind monitors over a one-hour period. In the event that the



difference between the upwind and downwind monitoring is greater than  $50~\mu g/m^3$ , additional dust mitigation corrective measures will be implemented. Potential corrective measures to be considered range from increasing the water application rate and/or frequency, to the suspension of work activities. In addition to continuous logging by the E-BAM units, a TRC technician will hand record hourly dust concentrations on a field data sheet to determine if additional dust mitigation corrective measures are warranted.

It should be noted that the dust action level of  $50 \,\mu g/m^3$  is protective of public health with regard to potential exposures to PCBs in air during Phase III cleanup, as it is more stringent than the conservative health-based DCL of  $140 \,\mu g/m^3$  as discussed above. By way of comparison, the dust action level utilized during Phase I and Phase II activities was  $7 \,\mu g/m^3$  (Frey, 2006). The lower dust action level utilized during Phase I and II activities reflected the higher concentrations of PCBs in soil that existed at the time the Phase I work was performed. The higher dust action level for Phase III activities is reflective of the significant reduction in the maximum PCB concentrations in soil that were present during the Phase I and Phase II soil removal efforts conducted in 2009 and 2013/2014.

# PCB Air Monitoring

Monitoring for PCBs in air will be performed in accordance with EPA Method TO-10A. Air pumps capable of moving 1 to 5 liters per minute (L/min) of air will be fitted with sorbent tube polyurethane foam (PUF) sampling devices. The pumps will be placed adjacent to each of the downwind E-BAM monitors and will be operated during earth moving activities (maximum of 8 hours per day). A minimum of two samples per day will be collected on days when earth moving activities are occurring. The samples will be sent to EMSL Analytical in Cinnaminson, New Jersey for laboratory analysis for PCBs. The results of the PCB monitoring will be compared to the intermediate to chronic PCB reference exposure levels of 0.07 to 0.12  $\mu$ g/m³ to confirm that concentrations of PCBs in air are below levels that are protective of public health.

In summary, this Air Monitoring Plan Addendum is intended to supplement the original Air Monitoring Plan that was used for Phase I and Phase II activities (Frey, 2006). In recognition that the current maximum concentration of PCBs in soil is at least an order of magnitude lower than the concentrations that were present prior to the completed removal activities, the health-based DCL was re-evaluated. The results of the analysis indicate that, based on the current maximum concentration of PCBs in soil, the health-based DCL is higher than the SCAQMD Rule 403 PM<sub>10</sub> concentration (50  $\mu$ g/m³). Consequently, the dust action level to be utilized during Phase III activities is 50  $\mu$ g/m³.

Following completion of the additional soil sampling that is currently underway, the health-based DCL will be re-evaluated to consider the maximum PCB concentration in soil. The lower of the SCAQMD Rule 403 PM $_{10}$  concentration (50  $\mu g/m^3$ ) or the health-based DCL will be used to evaluate the effectiveness of the dust mitigation measures and trigger implementation of additional dust mitigation corrective measures.



A minimum of two downwind air samples will be collected over a period of up to 8 hours during each day that excavation, loading or earth-moving activities occur. The results of the downwind air sampling will be compared to the intermediate to chronic PCB reference exposure levels of 0.07 to  $0.12~\mu g/m^3$  to confirm that concentrations of PCBs in air are below levels that are protective of public health. The air monitoring and sampling results will be reviewed on a daily basis to confirm the adequacy of the dust mitigation measures employed during Phase III activities.

If you have any comments, please contact David Lennon at (949) 341-7458.

Sincerely,

David Lennon Principal Consultant Ross Surrency, PG Senior Project Geologist

Attachments:

Table 1 – Calculation of Health-Based Dust Concentration Limit (DCL) for PCBs

cc: Jason Low SCAQMD (electronic copy)
Katherine Baylor, EPA (electronic copy)
Greg Neal, DTSC (electronic copy)



# Table 1 Calculation of Health-Based Dust Concentration Limit for PCBs Phase III Air Monitoring Plan Addendum Former Agricultural Park Riverside, California

#### Equation

Health-Based Dust Concentration Limit = REL/  $(C_{soil max} \times CF)$ 

Symbol and Description	Units	Value
REL = Chronic, Non-Cancer Reference Concentration (EPA, 2015	) μg/m³	0.07
C <sub>PCB max</sub> = Maximum Concentration of PCBs in soil <sup>[1]</sup>	mg/kg	500
C <sub>PCB max</sub> = Maximum Concentration of PCBs in soil <sup>[1]</sup>	μg/kg	500,000
CF = Correction factor	kg soil/mg soil	1.00E-06
l		
Health-Based Dust Concentration Limit	mg dust/m³ air	0.14
Health-Based Dust Concentration Limit	μg dust/m³ air	140

#### Notes:

REL = Reference Exposure Level for PCBs in Air

EPA, 2015. Integrated Risk Information System. Reference Exposure Level Extrapolated from Chronic Oral Reference Dose for Aroclor 1254 of 2E-5 mg/kg-day based on body weight of 70 kg and 20 m³/day inhalation rate for residential exposure.Levels for Residential Air.

[1] Maximum PCB concentration in soil (500 mg/kg) in Sample O2289-W25 at 0.5 fbg (4/25/16)

Health-Based Dust Concentration Limit represents the lowest concentration of dust in air that would not result in an exposure above the REL at the FRA Ag Park Fenceline.

μg/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

μg/m<sup>3</sup> = micrograms per cubic meter of air

mg/m<sup>3</sup> = milligrams per cubic meter of air

# APPENDIX B SOIL SAMPLING RESULTS MEMORANDUM



9685 Research Drive Irvine, CA 92618

949.727.9336 PHONE 949.727.7311 FAX

www.trcsolutions.com

June 7, 2016

Ms. Maryam Tasnif-Abassi Department of Toxic Substances Control 5796 Corporate Avenue Cypress, California 90630

SITE: FORMER AGRICULTURAL PARK

7020 CREST AVENUE RIVERSIDE, CALIFORNIA

RE: SOIL SAMPLING RESULTS

Dear Ms. Tasnif-Abassi:

This deliverable is provided to update the DTSC with soil sample results for the former Riverside Agricultural Park located at 7020 Crest Avenue in Riverside, California. Work activities began on March 22, 2016 following work plan approval by the DTSC and EPA.

The following documents are provided on the enclosed Compact Disc:

- Data summary tables for the Cut Lots, Fill Lots, and Outside Areas;
- A figure of soil sample locations; and
- Official laboratory reports.

If you have any comments, please contact David Lennon at (949) 341-7458.

Sincerely,

David Lennon

**Principal Consultant** 

Ross Surrency, PG Senior Project Geologist

Ron Luvery

Enclosure

cc: Greg Neal, DTSC (electronic copy)

					1													T				
	Sample		ot Samples	<u> </u>	<b>-</b>	T	Step	Out & Retest		Step Out & Retest	Sample	I			Sample	Step Out	& Refest	-	ТТ	Step Out	t & Retest	
	Depth		PCBs			Sample	Date	PCBs			Depth	Date PCBs			Depth	Date	PCBs		Sample		PCBs	
Sample ID	(fbg)	Date Collected	(mg/kg)	Action	Sample ID	Depth (fbg	) Collected	(mg/kg)	Action	Sample ID	(fbg)	Collected (mg/kg)	Action	Sample ID	(fbg)	Collected	(mg/kg) Action	Sample ID	Depth (fbg)	Collected	(mg/kg)	Action
C1635-N25 C1635-N50	0.5	3/22/2016 3/22/2016	0.31	Excavate to 50 ft. point	-	ļ	<del> </del>															
C1635-N30		3/22/2016	0.023J	NFA											/							
C1635-E50		3/22/2016	ND	NFA																		
C1635-S25 C1635-S50	0.5	3/22/2016 3/22/2016	0.11	NFA NFA			-							<del> </del>				-				
C1635-W25	0.5	3/22/2016	0.16	STA																		
C1635-W50 C1636-N25	0.5	3/22/2016 3/22/2016	0.33	Excavate																		
C1636-N50	0.5	3/22/2016	0.22	Excavate to 50 ft. point Step out 10 ft. and retest	No step-out sampl	le collected d	lue to presence	of sample O2088	at same location					1								
C1636-E25	0.5	3/22/2016	0.12	NFA			ļ							***								
C1636-E50 C1636-S25	0.5	3/22/2016 3/22/2016	0.16	NEA NEA		<u> </u>				-				1	-							
C1636-S50	0.5	3/22/2016	0.11	NA.																		
C1636-W25 C1636-W50	0.5	3/22/2016	0.20	Excavate																		
C1637-N25	0.5		0.24	Excavate to 50 ft. point	<del> </del>	<del> </del>	<del> </del>							<del> </del>				1	- <del> </del>			
C1637-N50	0.5	3/22/2016	0.17	NEA																		
C1637-E25 C1637-E50	0.5		0.27	Excavate to 50 ft. point Excavate															+			***************************************
C1637-S25	0.5		0.099	NFA.										1								
C1637-S50	0.5	3/22/2016	0.085	Everyote to 50 ft, point	ļ																	
C1637-W25 C1637-W50	0.5	3/22/2016 3/22/2016	0.22 0.30	Excavate to 50 ft. point Excavate	<del>                                     </del>	<del> </del>	<del> </del>			1				<del> </del>	<del> </del>			<del> </del>	+			
C1638-N25	0.5	3/22/2016	0.21	MEA																		
C1638-N50 C1638-E25	0.5		0.16	Excavate to 50 ft. point	1		+							+	-			-				
C1638-E50	0.5	3/22/2016	0.41	Excavate																		
C1638-S25		3/22/2016	0.036	NEA NEA																		
C1638-S50 C1638-W25	0.5		0.12	AFA Excavate to 50 ft. point	1		+						_ **	<del> </del>	-			1	<del>                                     </del>			
C1638-W50	0.5	3/22/2016	0.31	Excavate									\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\									
C1639-N25 C1639-N50	0.5	3/23/2016 3/23/2016	0.44 0.0099J	Excavate to 50 ft. point										<b> </b>					-			
C1639-E25		3/23/2016	0.29	Excavate to 50 ft. point	1																	
C1639-E50	0.5		0.41	Excavate		ļ																
C1639-S25 C1639-S50		3/23/2016 3/23/2016	0.08 0.011J	MEA MEA			<del> </del>			1				-					+			
C1639-W25	0.5	3/23/2016	0.41	Excavate to 50 ft. point	1																	
C1639-W50 C1003-N25	0.5	3/23/2016 3/23/2016	0.40	Excavate	-	ļ	-							-					-			
C1003-N50	0.5		0.17	NFA										<b>†</b>				<b>†</b>	<del>                                     </del>			
C1003-E25	0.5		0.30	Excavate to 50 ft. point		ļ																
C1003-E50 C1003-S25	0.5	3/23/2016 3/23/2016	0.58	Excavate	-						*			1				-				
C1003-S50	0.5	3/23/2016	0.028J	NFA																		
C1003-W25 C1003-W50	0.5	3/23/2016 3/23/2016	0.43	Excavate to 50 ft. point Excavate	ļ	ļ	ļ							-								
C1640-N25		3/23/2016	0.10	Excavate										<b>†</b>					+			
C1640-N50	0.5		0.17	NEA																		
C1640-E25 C1640-E50	0.5		0.32 0.26	Excavate to 50 ft. point Excavate	1									1				-				
C1640-S25	0.5	3/23/2016	0.13	NFA																		
C1640-S50 C1640-W25		3/23/2016 3/23/2016	0.10	AFA Excavate to 50 ft. point	ļ	<b>_</b>	<b>-</b>											<b>_</b>				
C1640-W50	0.5		0.071	Excavate to 30 ft. point	<b>-</b>		<b>-</b>			1				<b>†</b>	1			<b>†</b>	+			
C1660-N25		3/23/2016	ND	NEA																		
C1660-N50 C1660-E25	0.5	3/23/2016 3/23/2016	ND 0.17	NFA NFA										-					-			
C1660-E50	0.5	3/23/2016	0.92	Step out 10 ft. and retest	C1660-E60	0.5	4/21/2016	2.4	Step out 10 ft. and retest	No step-out sample	collected d	ue to presence of sample	O1659-W45 at same location									
C1660-S25 C1660-S50	0.5	3/23/2016 3/23/2016		Excavate to 50 ft. point	-	ļ	<u> </u>			1				-	ļ			<b>_</b>	<del>                                     </del>	T		
C1660-S50		3/23/2016																				
C1660-W50	0.5	3/23/2016	0.0099J	NDA.																		
C1676-N25 C1676-N50		3/23/2016 3/23/2016		NFA NFA	<b></b>	<b></b>	1								-			-	-			<b></b>
C1676-E25	0.5	3/23/2016	0.14	N/A		<u> </u>																
C1676-E50		3/23/2016 3/23/2016			No step-out sampl	le collected d	lue to presence	of sample O2225	at same location									-	<b>1 T</b>			
C1676-S25 C1676-S50		3/23/2016	ND 0.14	NEA NEA										+				1	+ +	-		
C1676-W25	0.5	3/23/2016	ND	NFA																		
C1676-W50 C1674-N25		3/23/2016 3/23/2016		NFA NFA	<b></b>	-	1//			_				<b></b>	-			<b></b>	+			
C1674-N50	0.5	3/23/2016	0.154	WA			1							<u> </u>								
C1674-E25	0.5	3/23/2016	0.036	NPA Sec					· · ·					1								
C1674-E50 C1674-S25	0.5	3/23/2016 3/23/2016	0.207	NFA NFA	<b> </b>	<del> </del>	+								-			<del> </del>	-			·
C1674-S50	0.5	3/23/2016	0.259	Step out 10 ft. and retest	No step-out sampl	le collected d	lue to presence	of sample F1662-	N60 at same locatios													
C1674-W25 C1674-W50		3/23/2016 3/23/2016		NEA NEA		ļ								-				-	<u> </u>		T	
C1674-W50 C1687-N25		3/23/2016		NEA.	<b> </b>		+							+				1				
C1687-N50	0.5	3/23/2016	0.26	Step out 10 ft. and retest	C1687-N60	0.5	4/11/2016	ND	NGA.													
C1687-E25 C1687-E50		3/23/2016 3/23/2016		Excavate to 50 ft. point	<b> </b>		+								-			-	-			
C1687-B30		3/23/2016		Excavate to 50 ft. point	1	<del> </del>	+					<del>  </del>		<del> </del>	<del>                                     </del>			<b>†</b>	+			
C1687-S50	0.5	3/23/2016	0.41	Step out 10 ft. and retest	C1687-S60	0.5	4/11/2016	ND	NEA													
C1687-W25 C1687-W50		3/23/2016 3/23/2016		Excavate to 50 ft. point Step out 10 ft. and retest	C1687-W60	0.5	4/21/2016	0.34	Step out 10 ft. and retest	No sten-out comple	collected 4	ue to presence of comple	F1688-E60 at same location	+				-				
C1716-N25		3/24/2016		NFA	C1007-W00	J.J	7/41/4010	V-27	Stop out 10 It. alle retest	210 step-out sample	concettu ti	ac to presence of sample	A TOOO-DOV AT SAING IVEAUVI									
C1716-N50	0.5	3/24/2016	ND	NFA																		
C1716-E25 C1716-E50	0.5	3/24/2016 3/24/2016	ND ND	NEA NEA	<b> </b>	<del> </del>	+					<del> </del>		+	<del> </del>		<u> </u>	<del> </del>	+			
C1716-E36 C1716-S25		3/24/2016		NIA										<u> </u>				<u> </u>				<u> </u>
											C 38	Jork Groun	- ·									

		Cut L	ot Samples				Step	Out & Retest		Step Out & Retes	t				1		Step Out	t & Retest				Step Or	ut & Retest	
	Sample Depth		PCBs			Sample	Date	PCBs			Sample Depth	Date	PCBs			Sample Depth	Date	PCBs			Sample	Date	PCBs	
Sample ID	(fbg)	Date Collected		Action	Sample ID	Depth (fbg	) Collected	(mg/kg)	Action	Sample ID	(fbg)	Collected	(mg/kg)	Action	Sample ID	(fbg)	Collected	(mg/kg)	Action	Sample ID	Depth (fbg)	Collected	(mg/kg)	Action
C1716-S50	0.5	3/24/2016	ND	NFA																				
C1716-W25	0.5	3/24/2016	0.073	NEA																				
C1716-W50	0.5	3/24/2016	ND	NTA																				
C1714-N25	0.5	3/24/2016	0.015J	159														100						
C1714-N50	0.5	3/24/2016	0.025J	NEA																				
C1714-E25	0.5	3/24/2016	ND	NEA																				
C1714-E50	0.5	3/24/2016	ND	NEA											l									
C1714-S25	0.5	3/24/2016	ND	NFA																				
C1714-S50	0.5	3/24/2016	0.11	NFA																				
C1714-W25	0.5	3/24/2016	0.18	NEA																				
C1714-W45	0.5	3/24/2016	0.068	NDA.																				
C1713-N25	0.5	3/24/2016	0.10	NPA											1 30.									
C1713-N50	0.5	3/24/2016	0.15	NFA											***									
C1713-E25	0.5	3/24/2016	0.012J	NEA																				
C1713-E50	0.5	3/24/2016	0.068	NFA										- 3										
C1713-S25	0.5	3/24/2016	0.099	NEA																				
C1713-S50	0.5	3/24/2016	0.086	NEA						1														
C1713-W25	0.5	3/24/2016	0.067	NFA																				
C1713-W50	0.5	3/24/2016	0.12	NEA			1	†					1			T								
C1709-N25	0.5	3/24/2016	ND	NEA																				
C1709-N50	0.5	3/24/2016	0.014J	NEA		<del></del>	<b>†</b>	<b></b>				<b></b>	1		<b> </b>	·				l	1			
C1709-E25	0.5	3/24/2016	0.27	Excavate to 50 ft. point		T	1																	
C1709-E50	0.5	3/24/2016	ND	NFA																				
C1709-S25	0.5	3/25/2016	1.0	Excavate to 50 ft. point																				
C1709-S50	0.5	3/25/2016	9.62	Step out 10 ft. and retest	C1709-S60	0.5	4/11/2016	9,43	Step out 10 ft, and retest	C1709-S70	0.5	4/25/2016	0.38	Step out 10 ft. and retest	C1709-S80	0.5	5/3/2016	0.40	Step out 10 ft. and retest	C1709-S90	0.5	5/12/2016		No step-out sample collected due to cresence of sample C1694 in same vicinity.
C1709-W25	0.5	3/25/2016	0.95	Excavate to 50 ft. point			1			1		<u> </u>			1	<u> </u>	l							
C1709-W50	0.5	3/25/2016	0.57	Step out 10 ft. and retest	C1709-W60	0.5	4/11/2016	0.1195J	NFA							1								
	1	1 2.25/2010			1	1 0.5				<b>"</b>				<del></del>										
							<b>†</b>								1		<b> </b>							
	+		1							1						1	<b></b>							
L			<u> </u>		<u></u>							<u></u>	<del></del>		<u></u>		4			<u> </u>			<u> </u>	

Notes: NFA = No further action. Result is <0.22 mg/kg.

mg/kg = milligrams per kilogram fbg = feet below grade

			ill Lot Sample	25			Step	Out & Rete	st			Step Out & R	etest			Step Out & Re	est	T	Step Out & R	etest
	Samp. Depti		PCBs			Sample	Date	PCBs			Sample Depth	Date PCBs			Sample Depth	Date PC	3s		Sample Date PCBs	
Sample ID		Date Colle		Action	Sample ID		Collected		Action	Sample ID	(fbg)	Collected (mg/kg	Action	Sample ID	(fbg)	Collected (mg	i e	Sample ID	Depth (fbg) Collected (mg/kg)	Action
F1612-N60	0.5																***************************************			
F1612-E60 F1612-S60	0.5			SEA SEA				-										<b>-</b>		
F1613-N60	0.5	3/25/20	6 0.041	NEA					2. 10 A 1	T1 (14 000			0. 100	** 11	<u> </u>					
F1613-S60 F1614-S60	0.5		6 0.37 6 0.23	Step out 10 ft. and retest Step out 10 ft. and retest	F1613-S70 F1614-S70	0.5	4/12/2016 4/12/2016		Step out 10 ft. and retest Step out 10 ft. and retest	F1613-S80 F1614-S80		4/27/2016 0.43 4/27/2016 0.65				due to south fencel due to south fencel		1		
F1614-N60 F1614-W60	0.5 0.5			MFA MEA														-		
F1616-E60	0.5	3/25/20	6 0.22	Step out 10 ft. and retest	F1616-E70	0.5	4/12/2016	0.065	18											
F1616-S60 F1616-W60	0.5			NEA NEA				-						-				-		
F1627-S60	0.5	3/25/20	6 0.098	MFA																
F1627-E60 F1625-S60	0.5			SEA SEA	-			-			-			+				-		
F1619-E60 F1619-W60	0.5 0.5			MFA NEA																
F1619-S60	0.5	3/25/20	6 0.027J	NEA																
F1623-S60 F1623-W60	0.5		6 0.20 6 0.89	Step out 10 ft. and retest	F1623-W70	0.5	4/11/2016	0.62	Step out 10 ft. and retest	F1623-W80	0.5	4/27/2016 0.55	Step out 10 ft. and retest	F1623-W90	0.5	5/10/2016 0.	9 Step out 10 ft. and retest	F1623-W100	0.5 5/20/2016 0.19	WA
F1623-N60	0.5	3/25/20	6 0.46	Step out 10 ft. and retest	F1623-N70	0.5	4/11/2016		Step out 10 ft. and retest	F1623-N78		4/27/2016 0.25		F1623-N90		5/10/2016 0.		F1623-N100	0.5 5/20/2016 0.070	39.6
F1624-N52 F1625-N60	0.5		6 0.212 6 0.301	Step out 10 ft. and retest	F1625-N70	0.5	4/11/2016	0.143J	TA.					*						
F1641-W60	0.5	3/28/20	6 0.47	Step out 10 ft. and retest	F1641-W70	0.5	4/11/2016	0.31	Step out 10 ft. and retest	F1641-W80	0.5	4/27/2016 0.43	Step out 10 ft. and retest	F1641-W90	0.5	5/10/2016 0.	7 Step out 10 ft. and retest	F1641-W100	0.5 5/20/2016 0.20	NFA
F1641-N60 F1004-N60	0.5		6 0.42 6 0.091	Step out 10 ft. and retest	F1641-N70	0.5	4/11/2016	0.1863	NT.									<b>†</b>		
F1004-E60 F1647-E60	0.5 0.5			Step out 10 ft. and retest																
F1647-S60	0.5	3/28/20	6 0.104	MA																
F1646-S60 F1646-W60	0.5		6 0.253 6 0.132J	Step out 10 ft. and retest	F1646-S70	0.5	4/11/2016	0.877	Step out 10 ft. and retest	F1646-S80	0.5	4/27/2016 0.43	Step out 10 ft. and retest	F1646-S90	0.5	5/10/2016 0.	5 Step out 10 ft. and retest	F1646-S100	0.5 5/20/2016 0.17	NFA
F1667-W60	0.5	3/28/20	6 0.692	Step out 10 ft. and retest	F1667-W70	0.5	4/11/2016	0.208J	TI.											
F1669-W60 F1690-W60	0.5			Step out 10 ft. and retest	F1690-W70	0.5	4/11/2016	0.52	Step out 10 ft. and retest	F1690-W80	0.5	4/27/2016 0.32	Step out 10 ft. and retest	No step-out sample	collected of	tue to presence of s	mple O2289 in same vicinity.	-		
F1670-N60	0.5		6 0.145J	MFA	E1 (00 ) 170		4/11/2016	0.0247							ļ	-				
F1690-N60 F1690-E60	0.5		6 0.487 6 0.239	Step out 10 ft. and retest Step out 10 ft. and retest	F1690-N70 F1690-E70	0.5	4/11/2016 4/11/2016		NEA Step out 10 ft. and retest	F1690-E80	0.5	4/27/2016 0.24	Step out 10 ft. and retest	F1690-E90	0.5	5/10/2016 0.	6 Step out 10 ft. and retest	F1690-E100	0.5 5/20/2016 0.12	N/A
F1670-E60 F1665-N60	0.5			Step out 10 ft. and retest Step out 10 ft. and retest	F1670-E70 F1665-N70	0.5	4/11/2016 4/11/2016		Step out 10 ft. and retest Step out 10 ft. and retest	F1670-E80 F1665-N80		4/27/2016 0.19 4/27/2016 0.48	Step out 10 ft. and retest	F1665-N90	0.5	5/10/2016 0.0	12 NEA			
F1665-E60	0.5	3/28/20	6 ND	NEA	11003-1170	0.3	4/11/2010	0.20	Step out to it, and retest	1.1002-1490	9.5	4/2//2010 0.46	Step our 10 H. and retest	11003-1190	0.5	3/10/2010 0.0				
F1665-S60 F1651-S60	0.5			Step out 10 ft. and retest							-							<b>-</b>		
F1651-W60	0.5	3/28/20	6 0.16	NEA				1												
F1651-E60 F1662-W60	0.5			Step out 10 ft. and retest	F1651-E70	0.5	4/12/2016	0.071	NT A									<del> </del>		
F1662-E60	0.5	3/28/20	6 0.50	Cton out 10 B and notest	F1662-E70	0.5	4/12/2016	0.343	Stem and 10 R and notest	F1662-E80	0.5	4/27/2016 1.0	Stan and 10 B. and artest	F1662-E90	0.5	5/10/2016 0,	2 Stop and 10 ft and entert	F1662-E100	0.5 5/20/2016 0.26	No step-out sample collected due to presence of sample F1661 in same vicinity.
F1662-N60	0.5			Step out 10 ft. and retest Step out 10 ft. and retest	F1002-E/0	0.3	4/12/2016	0,343	Step out 10 ft. and retest	F1004-E80	0.5	4/2 // 2016 1,0	Step out 10 ft. and retest	F1662-E90	0.3	3/10/2016 93	3 Step out 10 ft. and retest	F1662-E100	0.3 3/20/2016 0.26	of sample F1661 in same vicinity.
F1654-S60 F1654-E60	0.5		6 0.038 6 0.92	Step out 10 ft. and retest	4			-						_						
F1654-N60	0.5	3/28/20	6 0.038	NEA																
F1653-N60 F1653-W60	0.5			NGA Step out 10 ft. and retest	F1653-W70	0.5	4/12/2016	0.965	Step out 10 ft. and retest	F1653-W80	0.5	4/27/2016 0.21	SIA							
F1653-S60	0.5	3/28/20	6 0.11	NEA																
F1693-E60 F1693-N60	0.5		6 0.232 6 0.185J	Step out 10 ft. and retest	F1693-E70	0.5	4/11/2016	0.093	<b>17</b>						<u> </u>					
F1692-N60 F1692-W60	0.5 0.5		6 0.257 6 0.294	Step out 10 ft. and retest Step out 10 ft. and retest	F1692-N70 F1692-W70	0.5 0.5	4/11/2016 4/11/2016		Step out 10 ft. and retest	F1692-W80	0.5	4/27/2016 0.055	NIA							
F1688-E60	0.5	3/29/20:	6 0.72	Step out 10 ft. and retest	F1688-E70	0.5	4/11/2016	0.36	Step out 10 ft. and retest				C1687-W60 at same location.					<u> </u>		
F1688-S60 F1688-W60	0.5		6 0.78 6 0.079	Step out 10 ft. and retest	F1688-S70	0.5	4/11/2016	0.019J	SFA		*									
F1730-N60	0.5	3/29/20	6 6.7	Step out 10 ft. and retest	F1730-N70	0.5	4/11/2016	0.187J	184											
F1730-E60	0.5	3/29/20	6 0.984	Step out 10 ft. and retest	F1/30-E/0	0.5	4/11/2016	0.2133										1		No step-out sample collected due to presence
F1730-W60	0.5			Step out 10 ft. and retest	F1730-W70	0.5	4/11/2016		Step out 10 ft. and retest	F1730-W80	0.5	4/27/2016 2.0	Step out 10 ft. and retest	F1730-W90	0.5	5/10/2016 1	Step out 10 ft. and retest	F1730-W100	0.5 5/20/2016 1.1	of sample F1006 in same vicinity.
F1730-S60	0.5	3/29/20	6 0.415	Step out 10 ft. and retest	No step-out samp	e collected di		of sample C	1714-N50 in same vicinity.											
Notes:	333360604	— No forth	raction De	tt is <0.22 mg/kg.																
inotes.	mg/k	g = milligran	s per kilogram																	
	fbg	= feet belo	v grade																	

The column   The										Former Agi			,										
Second			Outsio	de Area Sam	ples			Step	Out & Retest			Step (	Out & Rete	est			ut & Retes				Step Out & Retest		Step Out & Retest
March   Marc				DCD <sub>c</sub>			Sample	Data	DCD <sub>c</sub>			Date	DCD:				P.C.De			Sample	Dota PCPs		
March   Marc	Sample ID		Date Collected		Action	Sample ID				Sample ID	(fbg)			Action	Sample ID			Action	Sample ID			Action	Sample ID
Column   C						·					1						1				` ` ° °		·
Column   C						O1601-S35	0.5	4/12/2016	0.162J NFA			-											
Control   Cont		0.5	3/29/2016	0.88		O1601-N35	0.5	4/12/2016	0.817 Step out 10 ft. and retest	O1601-N45	0.5	4/27/2016	0.15	NEA				<b> </b>		-			
Column   C		0.5	3/29/2016	0.28	Step out 10 ft. and retest	O1601-W35			0.334 Step out 10 ft. and retest	O1601-W45	0.5	4/27/2016	4.3		No step-out sample	collected due to presen	ce of sampl	O2070 in same vicinity					
Company   Comp						01607 525		4/12/2016	0.522 Step out 10 ft and retect	01607.945	0.5	4/27/2016	0.05	Sten out 10 ft and retect	No stan out samula	collected due to precen	na of compl	O2061 in come vicinity					
1						01007-333	0.3	4/12/2010	Step but 10 ft. and felest	01007-343	0.3	4/2//2010	9.33	Step out 10 it. and ietest	ivo siep-out sample	concepta due to presen	CC OI Sampi	O2001 in same vicinity					
Column   C		0.5	3/29/2016	0.11	NEA																		
The control of the				0.12																-			
The column   Column		0.5	3/29/2016	0.086						+					-				<del> </del>				
The column   The	O1606-N25	0.5	3/29/2016	0.12	NEA																		
1						O1609-S35	0.5	4/12/2016	0.180J NEA														
		0.5	3/29/2016																	-			
Column   C	O1609-N25	0.5	3/29/2016	0.17	NEA																		
Second   S	O1602-N25	0.5	3/29/2016	0.20							-												
Column   C		0.5	3/29/2016	0.20															ļ	-			
Column   C																							
Column   C															******								
Part   1		0.5	3/29/2016							_													
No.   Windows   Windows																							
Column   C	O2008	0.5	3/30/2016	0.034	MFA	0000		41	4.4										I				
Column   C	O2009	0.5	3/30/2016	0.27	Step out 25 ft. in 4 directions and retest		0.5	4/13/2016	0.13 NFA	+							+		<b> </b>	-			
1		<del> </del>		<del>                                     </del>			out south due to	fence	V-17	**	-	<del> </del>					+	<del> </del>	<del> </del>		<del></del>		
The color   The																							
1			3/30/2016									-											
1			3/30/2016						<del>                                     </del>	1	1						+		<del>                                     </del>				
1	O2011	0.5	3/30/2016	0.11	WA																		
The color   The																						,,	
The color   The		0.5	3/30/2016			-		<del> </del>	<del> </del>		<del> </del>						+		<b> </b>	-			
Control   Cont	O1604-S25	0.5	3/30/2016	0.14	MEA				T		<b> </b>						<del> </del>						
The color   The		0.5	3/30/2016	0.090				1			-												
Column   C		0.5	3/30/2016										Sept.						<b> </b>	-			
	O2085									1													
	O2084	0.5	3/30/2016	0.72	Step out 25 ft. in 4 directions and retest																		
March   Marc											collected d	4/27/2016	0.16						<b>_</b>				
Fig.			<b></b>							ivo sicp-our sample	Conceeding	T presence	or sample c	31002-1925 at same location			+			+			
Fig.	O2080	0.5	3/30/2016	0.24	Step out 25 ft. in 4 directions and retest					O2080-N35	0.5	4/27/2016	0.26	Step out 10 ft. and retest	O2080-N45	0.5 5/11/2016	0.057	NFA					
1										02000 825	0.5	4/27/2016	0.012.7										
Color										02080-333	0.5	4/2//2010	0.0133	***									
Column   C																							
Second Column   Second Colum		0.5	3/30/2016																<b> </b>				
Column   C						O2050-N25	0.5	4/13/2016	ND NEA										<del>                                     </del>				
Part					1 ·	O2050-E25	0.5	4/13/2016	0.40 Step out 10 ft. and retest						O2050-E45	0.5 5/11/2016	0.36	Step out 10 ft. and retest	No step-out sampl	e collected due	to presence of sample O2049 i	n same vicinity	
Second Column   Second Colum															Mo stan out samula	collected due to precen	on of comple	O1606 E25 in some vicinity	<b>_</b>				
Control   Cont	O2078	0.5	3/30/2016	0.245	Step out 25 ft. in 4 directions and retest					02030-W33	1 0.3	4/2//2018	G,/H	Step out 10 it, and retest	ivo siep-oui sampie	conected due to presen	Ce of Sample	O 1606-E23 in same vicinity		·			
Second Column   Second Colum						O2078-E25	0.5	4/13/2016	0.072 NEA														
Column   C											-									-			
Control   Cont	O2051	0.5	3/30/2016	0.033	NFA	02078-W23	0.5	4/13/2010	0.15	888													
100   100	O2063	0.5	3/30/2016	ND	NEA																		
Company   Comp						02075 3725	105	4/12/2017	0.052								_						
Object   O	0200.9	0.3	3/30/2016	0.30	Step out 25 H. III 4 unrections and refest	O2065-E25	0.5	4/13/2016	0.052 0.13 NFA	1							+		<del>                                     </del>				
Proceedings   Process						O2065-S15	0.5	4/13/2016	0.20 NFA														
Compose   Constraint   Compose   Constraint   Constrain	02066	0.5	2/20/2017	0.0217		O2065-W25	0.5	4/13/2016	0.183J NEA														
Company   Comp	O2066 O2067						-	<del> </del>		1	<del> </del>	-					+		<b></b>	-			
Company   Comp																							
No.   No.											-								ļ				
Company   Comp		<del> </del>	<del> </del>	<del> </del>	<b>†</b>		it sample collec	ted due to pre	sence of sample O1601-S25 at same location	**		<del> </del>					+		<b></b>				
Color   Colo	O2069	0.5	3/30/2016	0.32	Step out 25 ft. in 4 directions and retest	O2069-N25	0.5	4/13/2016	0.216J NEA														
CORNIC   C			ļ	-			0.5	4/13/2016	0.17 Stan out 10.0 and according	O2060 925	0.5	1/27/2017	0.072						ļ				
CODITION   CODITION					1					02009-333	0.5	4/2//2016	0.072	1860			+		<del>                                     </del>				
Company	O2062	0.5	3/30/2016	ND	SEA																		
Company   Comp	O2070	0.5	3/30/2016	0.483	Step out 25 ft. in 4 directions and retest																		
No cast step-out sample collected due to presence of sample (1061-W25 as same location of the collection of the collec									0.22 Step out 10 ft and retest	No sten-out samula	collected d	ue to presence	of sample (	1 02069-N25 at same location			+		<b> </b>	-			
Color   Colo						No east step-out	sample collect	ed due to presi	ence of sample O1601-W25 at same location														
Company   Comp	O2061	0.5	3/30/2016	1.56	Step out 25 ft. in 4 directions and retest																		
No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step-out sample collected due to presence of sample O1607-S25 at same location   No north step - No n		ļ	<u> </u>	<b> </b>						1	<del> </del>	<del> </del>					-		<del> </del>	-			
Octobe   O						No north step-ou	it sample collec	ted due to pre	sence of sample O1607-S25 at same location														
D2056   O.5   3/30/2016   O.33   38/4   O.5   3/30/2016   O.33   38/4   O.5   O.5   3/30/2016   O.5   O.5	O2076	0.5	3/30/2016	0.203	NA							-											
Option   O	O2056	0.5	3/30/2016	0.136			_	1		+	-						+		<b>—</b>	1			
Company   Comp	O2052	0.5	3/30/2016	0.383	Step out 25 ft. in 4 directions and retest					O2052-W35	0.5	4/27/2016	0.19	NEA			<del>                                     </del>						
No north step-out sample collected due to presence of sample O1609-S25 at same location   No north step-out sample collected due to presence of sample O1609-S25 at same location   O2041-N25   O.5   4/4/2016   O.13   O.14   O.15   O							0.5	4/14/2016	0.0942J NFA														
O2041   O.5   3/30/2016   O.299   Step out 25 ft. in 4 directions and retest   O2041-N25   O.5   4/14/2016   O.13   N.A   O2041-N25   O.5   4/14/2016   O.064   O.06		ļ		<u> </u>						4	<del> </del>	ļ					+		<b> </b>	-			
Column   C	O2041	0.5	3/30/2016	0.299	Step out 25 ft. in 4 directions and retest				0.13 NEA		<del>                                     </del>	<b>†</b>					+		t			***************************************	
COUNT   COUN						O2041-W25	0.5	4/14/2016	0.019J NEA								1						
O2048   O.5   3/30/2016   O.72   NEA   O2035   O.5   3/30/2016   O.266   Step out 25 ft. in 4 directions and retest   O2035-S25   O.5   4/14/2016   O.23   Step out 10 ft. and retest   No step-out sample collected due to presence of sample O2046-W25 at same location   O2035-W25				<del> </del>						No sten-out carrols	collected 4	le to presence	of samule (	1 01610-W25 at same location			+		<b> </b>				
O2035         0.5         3/30/2016         0.266         Step out 25 ft. in 4 directions and retest         O2035-S25         0.5         4/14/2016         0.082         N/8           0<									-	. ro step-our sample	. Jonetica a		or sumpto	Tras de Santo Isodifori									
	O2035									,	I	L											
Draft for Work Crown Davious			L	<u> </u>	1	O2035-E25	0.5	4/14/2016	Step out 10 ft. and retest										<u> </u>	1			l .

											k, Kiverside,	, ~~	TOT HIM									
		Outsid	de Area Samples			Stej	Out & Rete	st			Step Out &	& Retes	est			ut & Retest				Step Out	& Retest	Step Out & Retest
	Sample Depth		PCBs		Sample	Date	PCBs			Sample Depth	Date PC	CDe		Sam Dep		PCBs			Sample	Date	PCBs	
Sample ID	(fbg) Date	e Collected		Sample ID		Collected		Action	Sample ID		ollected (mg/		Action	Sample ID (fb			Action	Sample ID		Collected		Sample ID
	(-8/			O2035-N12	0.5	4/14/2016	0.048	NEA														
02036	0.5	/30/2016	0.196 NEA	O2035-W25	0.5	4/14/2016	0.35	Step out 10 ft. and retest	O2035-W35	0.5 4/	27/2016 0.2	29	Step out 10 ft. and retest	O2035-W45 0.:	5 5/11/2016	0.27	Step out 10 ft. and retest	No step-out sample	collected due	to presence of	of sample O2036 in same vicinity	
O2046		/30/2016	0.274 Step out 25 ft. in 4 directions and retest	O2046-N25	0.5	4/13/2016	0.18	NEA		-												
				O2046-E25	0.5	4/13/2016		14 A														
<u> </u>				O2046-S25 O2046-W25		4/13/2016 4/13/2016		Step out 10 ft, and retest	No sten-out cample	e collected due to	nrecence of carr	mple O	02035-E25 in same vicinity			1						
O2047	0.5 3/	/30/2016	0.182 NEA	02010-W25	0.5	4/13/2010	XIV	Step out to it. and telest	rvo step-out sampi	C conceica dae to	presence of sair	Inpic O.	2033-123 III same viennty									
O2032		/30/2016	0.177 N.A.																			
O2033 O2034	0.5 3/			O2034-N21	1 05	4/14/2016	0.42	Step out 10 ft. and retest	Not sampled due to	o sand stocknile					-							
02031	0.5	,50,2010	Support 25 II. In 1 directions districted	O2034-W25	0.5	4/14/2016	0.12	NFA		1 1												
				O2034-S10 O2034-E25	0.5	4/14/2016		Step out 10 ft, and retest	Not sampled due to	o rock stockpile												
O2031	0.5 3/	/30/2016	0.77 Step out 25 ft. in 4 directions and retest	O2034-E25 O2031-W25	0.5	4/14/2016 4/14/2016	0.18	Step out 10 ft. and retest	O2031-W35	0.5 4/	28/2016 0,5	.52	Step out 10 ft. and retest	No step-out sample collec	ted due to present	ce of sample	O2032 in same vicinity					
				O2031-S25	0.5	4/14/2016	0.049	MA					***************************************			T						
				O2031-E25		4/14/2016		Step out 10 ft. and retest ple O1636-S50 at same location	No step-out sample	e collected due to	presence of san	mple O	02025-W25 at same location									
O2025	0.5 3/	/30/2016	0.22 Step out 25 ft. in 4 directions and retest	O2025-S25		4/14/2016		Step out 10 ft. and retest	O2025-S35	0.5 4/	28/2016 0.0	065	NIA			·						
				O2025-E25		4/14/2016		NEA														
				O2025-W25 O2025-N25	0.5	4/14/2016 4/14/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	presence of san	mple O	02031-E25 in same vicinity			-						
O2024	0.5 3/	/30/2016	0.11 NEA	02023-1123	1	7/17/2010	0.13	***	<b> </b>							·						
O2026		/30/2016																				
O2023 O2006		/31/2016 /31/2016	0.023J II A A A A A A A A A A A A A A A A A A																			
O2007	0.5 3/	/31/2016	0.17 NEA.																			
O2005	0.5 3/	/31/2016	0.24 Step out 25 ft. to north and south and retest	O2005-S25	0.5	4/14/2016	0.16	NEA														Mo sten out comple collected do : : :
									1													No step-out sample collected due to presence of sample F1654-S60 in
				O2005-N25	0.5	4/14/2016	0.33	Step out 10 ft. and retest	O2005-N35	0.5 4/	28/2016 0.6	.60	Step out 10 ft. and retest	O2005-N45 0.:	5 5/11/2016	0.57	Step out 10 ft. and retest	O2005-N55	0.5	5/20/2016	0.24 Step out 10 ft. and retest	same vicinity.
O2004	0.5 3/	/31/2016	0.31 Step out 25 ft. to north and south and retest	O2004-S25	0.5	4/14/2016	0.079	NIA														
O2003	0.5 3/	/31/2016	0.50 Step out 25 ft. to north and south and retes	O2004-N25 O2003-S25		4/14/2016 4/14/2016		Step out 10 ft. and retest	O2004-N35	0.5 4/.	28/2016 0.9	.90	Step out 10 ft. and retest	O2004-N45 0.:	5 5/11/2016	0.39	Step out 10 ft. and retest	No step-out sample	conected due	io presence c	n concrete	
				O2003-N25	0.5	4/14/2016	0.33	Step out 10 ft. and retest	O2003-N35	0.5 4/	28/2016 0.2	.20	NEA									
O2002	0.5 3/	/31/2016	0.58 Step out 25 ft. to north and south and retest	O2002-S25	0.5	4/14/2016	0.20	Step out 10 ft, and retest	02002 2125	0.5	20/2016											
O2000	0.5 3/	/31/2016	0.27 Step out 25 ft. to north and south and retest	O2002-N25 O2000-N25	0.5	4/14/2016 4/14/2016	0.53	Step out 10 ft, and retest Step out 10 ft, and retest	O2002-N35 O2000-N35	0.5 4/	28/2016 0.1 28/2016 0.2	20	NFA NFA									
				O2000-S25	0.5	4/14/2016	0.37	Step out 10 ft. and retest	O2000-S35	0.5 4/	28/2016		Step out 10 ft. and retest		5 5/11/2016			O2000-S55	0.5	5/20/2016		
O2087	0.5 3/	/31/2016	0.25 Step out 25 ft. in 4 directions and retest	O2087-W25 O2087-E25		4/14/2016		Step out 10 ft, and retest	O2087-W35	0.5 4/	28/2016 0.3	25	Step out 10 ft. and retest	No step-out sample collec	ted due to present	ce of sample	O2088 in same vicinity					
	-			O2087-E25 O2087-N25	0.5	4/14/2016 4/14/2016	ND 8	NFA		+						<del> </del>						
				O2087-S25		4/14/2016		Step out 10 ft. and retest	O2087-S35	0.5 4/	28/2016 0.02	)23 J	NFA									
O2086	0.5 3/										/											
O2088 O2089		/31/2016 /31/2016	0.18 NFA 0.16 NFA			-				+		-										
O2123	0.5 3/	/31/2016	ND NA		<del>                                     </del>		-													<b></b>		
O2124		/31/2016																				
O2120 O2125		/31/2016 /31/2016	0.073 NEA 0.081 NEA		+				***													
O2128	0.5 3/	/31/2016	0.14 NFA				<b></b>															
O2177		/31/2016	ND SEA																			
O2126 O1633-S25	0.5 3/	/31/2016	0.15 NB	No sten-out samn	le collected di	ue to presence	of sample Of	2046-N25 at same location								<del> </del>						
O1633-E25	0.5 3/		0.19 NEA	S C Step Car Staney		T TO Presumen	I I															
O1633-W25 O1633-N25	0.5 3/		0.14 NEA 0.44 Step out 10 ft, and retest	No stan out same	la as Usated di	10.50 0000000000000000000000000000000000	of comple Of	2021 S25 at same leasting								ļ						
O2097	0.5 3/		0.44   Step out 10 ft. and retest   0.60   Step out 25 ft. in 4 directions and retest	O2097-E25		4/15/2016		2031-S25 at same location Step out 10 ft. and refest	O2097-E35	0.5 4/	28/2016 0.2	25	Step out 10 ft. and retest	No step-out sample collec	ted due to present	ce of sample	O2127 in same vicinity					
				O2097-N25		4/15/2016		Step out 10 ft. and retest					02096-S25 at same location									
									6. 30.													No step-out sample collected due to presence of sample F1654-E60 in
				O2097-S25	0.5	4/15/2016	1.9	Step out 10 ft. and retest	O2097-S35	0.5 4/	28/2016 1.	1.0	Step out 10 ft. and retest	O2097-S45 0.:	5 5/11/2016	1.7	Step out 10 ft. and retest	O2097-S55	0.5	5/20/2016	1.9 Step out 10 ft. and retest	same vicinity.
				O2097-W25		4/15/2016		Step out 10 ft. and retest	O2097-W35		28/2016 0.1	.17	NEA								•	
O1655-E25 O1655-S25	0.5 3/			O1655-S35	0.5	4/15/2016	0.00	Step out 10 ft. and retest	O1655-S45	0.5 4/	28/2016 0.6	62	Step out 10 ft. and retest	No step-out sample collec	ted due to present	ce of comple	O2000 in come vicinity					
O1655-W25	0.5 3/			O1655-W35		4/15/2016		Step dat 10 it. and retest	01002-040	0.5 47.	20/20109%	MA	Step out 10 it. and retest	140 step-out sample conce	ica dae to presen	CC Of Sample	O2000 iti saine vieniti)					
O1655-N25	0.5 3/	/31/2016	0.37 Step out 10 ft. and retest	O1655-N35		4/15/2016		Step out 10 ft. and retest	O1655-N45	0.5 4/	28/2016 0.1	.19	NFA									
O2103 O2127	0.5 3/			O2127-N25	0.5	4/15/2016	7.5	Step out 10 ft. and retest	Q2127-N35	0.5	28/2016 0.5	55	Step out 10 ft. and retest	O2127-N45 0.:	5 5/11/2014	0.20	Step out 10 ft. and retest	O2127-N55	0.5	5/20/2016	0.074 N.A	
				O2127-N25		4/15/2016		Step out 10 ft, and retest  Step out 10 ft, and retest	O2127-R33		28/2016 0.0			0	5/11/2010	- was	Step out 10 It. and foliast	02127-1100	0.5	2/20/2010		
O2104	0.5 3/	/31/2016	0.039 NFA													ļ						
O2105 O2106	0.5 3/ 0.5 3/	/31/2016	ND 84 A 0.079 NFA		+	<del>                                     </del>	1		<b> </b>	-				<b></b>				<b> </b>				
O2119	0.5 3/	/31/2016	ND NEA						<b></b>													
02121		/31/2016														-						
O2122 O2096	0.5 3/		0.21 NFA 1.4 Step out 25 ft. in 4 directions and retest	O2096-E25	0.5	4/15/2016	1.8	Step out 10 ft. and retest	O2096-E35	0.5 4/	28/2016 0,3	36	Step out 10 ft. and retest	O2096-E45 0.:	5 5/11/2016	0.26	Step out 10 ft. and retest	O2096-E55	0.5	5/20/2016	0.097 NFA	
52070	3/		Sep out 25 ft. In 4 directions and refest	O2096-S25	0.5	4/15/2016	0.57	Step out 10 ft. and retest					22097-N25 at same location	0	. 5/11/2010	South	Step out 10 It. and felest	_2000-1000	0.5	2,20,2010		
				O2096-N25	0.5	4/15/2016	0.16	NEA														
O1659-W25	0.5 3/	/31/2016	0.59 Step out 10 ft, and retest	O2096-W25 O1659-W35		4/15/2016 4/15/2016		Step out 10 ft, and retest Step out 10 ft, and retest	No step-out sample O1659-W45				01659-E35 at same location Step out 10 ft. and retest	No step-out sample collec	ted due to present	ce of sample	C1660-E60 in same vicinity	<b> </b>		<del> </del>	<del>  </del>	
O1659-S25	0.5 3/	/31/2016	0.58 Step out 10 ft. and retest	O1659-S35		4/15/2016		Step out for it, and feeds		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
O1659-N25	0.5 3/			01650 725	- 0.5	4/15/2015	1	Stan out 10 S I	NIa aban	a collect: 1 for		- 1	22006 N25 at same la									
O1659-E25 O2171	0.5 3/ 0.5 3/	/31/2016	0.90 Step out 10 ft. and retest 0.041 MEA	O1659-E35	0.5	4/15/2016	0.36	Step out 10 ft. and retest	ino siep-out sample	e conected due to	presence of san	inple O	02096-N25 at same location									
O2170	0.5 3/																					
																						No step-out sample collected due to
02225	0.5 3/	/31/2016	4.02 Step out 25 ft. in 4 directions and retest	O2225-E25	0.5	4/15/2016	0.47	Step out 10 ft. and retest	O2225-E35	0.5 4/	28/2016	9	Step out 10 ft. and retest	O2225-E45 0.:	5 5/11/2016	1.2	Step out 10 ft. and retest	O2225-E55	0.5	5/20/2016	0.65 Step out 10 ft. and retest	presence of sample C1677-W25 in same vicinity.
	3/	21.2010	or y voc so to in a directions and reliest	O2225-N25	0.5	4/15/2016	0.14	NEA					·	V	. 5/11/2010		seep con to the will recess		V	0.20/20/10	omp out to an ultitotical	
01700 005	1	(/1/2216	112	O2225-S25		4/15/2016		Step out 10 ft. and retest	O2225-S35	0.5 4/.	28/2016 0.1	.16	NFA									
O1700-S25 O1700-E25	0.5 4 0.5 4				+	1	1		<b>_</b>			-										
O1700-W25	0.5 4	1/1/2016	ND NEA		<u> </u>		<del>                                     </del>									1						
O1700-N25	0.5 4	1/1/2016	ND NFA																/			
O2117 O2116	0.5 4	1/1/2016 1/1/2016	ND NFA		+		+		<b> </b>	+	<del></del>					+		<b> </b>		ļ		
O2107		1/1/2016	0.016J NFA		1	1	1		<b> </b>							1		<b> </b>				
O2115		1/1/2016		02121 2725	1	1/10/601	0.000		ļ							ļ	·····					
O2131	0.5 4	H1/2016	0.27 Step out 25 ft. in 4 directions and retest	O2131-N25	1 0.5	4/19/2016	1 0.089	NI A	i	1 1	I	-	i .	i	ı	I		1		l	1 1	L

										Former Agr		,	,										
		Outsi	de Area Samj	oles			Step	Out & Retest				Step	Out & Ret	est			ıt & Retest				Step Out & Retest		Step Out & Retest
	Sample Depth		PCBs			Sample	Date	PCBs			Sample Depth	Date	PCBs			Sample Depth Date	PCBs			Sample	Date PCBs		
Sample ID		Date Collected		Action	Sample ID	Depth (fbg)	Collected	(mg/kg)	Action	Sample ID	(fbg)	Collected		Action	Sample ID	(fbg) Collected		Action	Sample ID		Collected (mg/kg)	Action	Sample ID
					O2131-E25 O2131-S25	0.5	4/19/2016 4/19/2016	0.067	Step out 10 ft. and retest	O2131-S35	0.5	5/3/2016	0.493	Step out 10 ft. and retest	No eten out cample	collected due to presenc	e of cample	O2130 in same vicinity					
					O2131-S25		4/19/2016		NEA	02131-333	0.5	3/3/2010	0.363	Step out 10 it. and retest	ivo siep-out sample	conceica due to present	c or sample	O2130 iii saine vienni					
02130		4/1/2016		NIA	02120			T		001003705		1/20/2015											
O2129 O2118		4/1/2016 4/1/2016		Container broke during shipping. Retest.	O2129	0.5	4/13/2016	0.25	Step out 25 ft. in 4 directions and retest	O2129-N25 O2129-E25		4/28/2016 4/28/2016		NFA NFA		3							
O2110	0.5	4/1/2016	ND ND	WA		<b>-</b>		<del> </del>		O2129-W25	0.5	4/28/2016	0.025 J	NEA									
O2109	0.5	4/1/2016	ND	NFA 600 4						O2129-S25	0.5	4/28/2016	0.18	NFA			000						
O2108 O2132	0.5	4/1/2016 4/1/2016	ND ND	NA NA				<del> </del>		<b>-</b>	<del> </del>	ļ	<del></del>						· <del> </del>	-			
O1703-W25	0.5	4/1/2016	0.013J	NEA						1	1	1	<del> </del>										
O1703-N25	0.5	4/1/2016	0.031J	NEA							ļ												
O1703-E25 O1703-S25	0.5	4/1/2016 4/1/2016	0.023J	NEA NEA									-										
O2133	0.5	4/1/2016	0.26		O2133-N25	0.5	4/19/2016	0.053	NEA						.000000								
					O2133-E25	0.5	4/19/2016	0.25	Step out 10 ft. and retest	No step-out sample	collected di	ie to presence	e of sample (	O2167 at same location									
					O2133-S25 O2133-W25		4/19/2016 4/19/2016		SEA.		1												
O2164		4/1/2016		NEA						1			<b></b>										
O2134	0.5	4/1/2016	0.34	Step out 25 ft. in 4 directions and retest	O2134-N25		4/19/2016		NEA														
					O2134-E25 O2134-S25		4/19/2016 4/19/2016		NEA NEA	<del> </del>	-		·						<b>-</b>				
					O2134-W25	0.5	4/19/2016	0.13	NEA														
O2135	0.5	4/1/2016		Container broke during shipping. Retest.	O2135	0.5	4/13/2016	0.047	EA.														
O2169 O1721-N25	0.5	4/1/2016 4/1/2016	0.05	NEA NEA		-	<del> </del>	+		<b> </b>	-	<del> </del>	<del> </del>			<del>                                     </del>			<del> </del>	-			
O1721-W25 O1721-E25	0.5	4/1/2016 4/1/2016	0.059	NEA																			
O1721-E25	0.5	4/1/2016	0.089	NEA NE															-				
O1721-S25 O2161	0.5	4/1/2016 4/1/2016	0.081 0.016J	MFA MFA			-	+ +		1	-	1					-		1				
O2163	0.5	4/1/2016	0.048	WA													<u> </u>						
02162	0.5	4/1/2016	0.0086J	MEA									1										
O1001-S25 O1001-E25	0.5	4/1/2016 4/1/2016	0.068	NEA NEA				+			+		+	<u> </u>			<del> </del>		<del> </del>	-			***************************************
O1001-W25	0.5	4/1/2016	0.94	Step out 10 ft. and retest	O1001-W35	0.5	4/15/2016	0.57	Step out 10 ft. and retest	O1001-W45	0.5	4/29/2016	1.2	Step out 10 ft. and retest	No step-out sample	collected due to presenc	e of sample	O2137 in same vicinity					
O1001-N25	0.5	4/1/2016	0.32	Step out 10 ft. and retest	O1001-N35	0.5	4/15/2016	0.54	Step out 10 ft. and retest	O1001-N42	0.5	4/29/2016	0.111J	NEA									
O2156 O2155	0.5	4/1/2016 4/1/2016	ND ND	NEA NEA		+	<b></b>	+		<b></b>	<del> </del>	<del>                                     </del>	+			<b> </b>	<b> </b>		<del> </del>	-			
O2154	0.5	4/1/2016	ND	NEA																			
O2153	0.5	4/1/2016	ND	WA	00126 2705		4/10/201		Gr 10.6	V	1	L	1	02127.025									
O2136	0.5	4/1/2016	0.38	Step out 25 ft. in 4 directions and retest	O2136-N25 O2136-E25	0.5	4/19/2016 4/19/2016	0.0281	Step out 10 ft, and retest	ino step-out sample	conceted di	ie to presence	e of sample 0	O2137-S25 at same location					1				
					O2136-S25	0.5	4/19/2016	0.11	MA										<u> </u>				
					O2136-W25		4/19/2016		NEA														
O2137	0.5	4/1/2016	0.35	Step out 25 ft. in 4 directions and retest	O2137-N25 O2137-S25		4/19/2016 4/19/2016		Step out 10 ft. and retest Step out 10 ft. and retest			4/29/2016 te to presence		O2136-N25 at same location			<b></b>			-			
						0.5			Step out 10 ft. and retest					O1724-E25 at same location					<del> </del>				
					No east step-out s	sample collecte	ed due to prese	ence of sample	O1001-W35 at same location														
O2142 O2152	0.5	4/1/2016 4/1/2016	0.12 ND	NEA NEA				-					-						<b> </b>				
O1724-S25	0.5	4/1/2016	0.29	Step out 10 ft. and retest	O1724-S35	0.5	4/19/2016	0.051	NFA														
O1724-E25	0.5	4/1/2016 4/1/2016	0.29 0.12 0.13	NEA																			
O2186 O1724-N25	0.5	4/1/2016	0.13	MEA MEA						<b>H</b>	1												
O1724-W25	0.5	4/1/2016	0.12	WA		<del></del>		<del> </del>			<b>†</b>	<u> </u>	<del> </del>				<b>†</b>		1	<b> </b>			
O1723-N25 O1723-W25	0.5	4/1/2016 4/1/2016		Container broke during shipping. Retest.	O1723-N25	0.5	4/13/2016	0.81	Step out 10 ft. and retest	Ø1723-N35	0.5	4/29/2016	0.083	NFA									
O1723-W25		4/1/2016		NA NA		-		<del>  </del>			-		-						<del> </del>	-			
O1723-E25	0.5	4/1/2016	0.028J	NEA																			
O1002-W25 O1002-N25	0.5	4/4/2016 4/4/2016	0.48		O1002-W35 O1002-N35	0.5	4/15/2016	0.52	Step out 10 ft. and retest	O1002-W45	0.5	4/29/2016	0.59	Step out 10 ft. and retest	No step-out sample	collected due to presenc	e of sample	O2147 in same vicinity					
O1002-N25	0.5	4/4/2016	0.62	Step out 10 ft. and retest	O1002-N35	0.5	4/15/2016	0.14	Step out 10 ft. and retest	O1002-S45	0.5	4/29/2016	ND	NEA									
O1002-E25	0.5 0.5	4/4/2016	0.66	Step out 10 ft. and retest	O1002-E35		4/15/2016		Step out 10 ft, and retest	O1002-E45	0.5	4/29/2016	0.33	Step out 10 ft, and retest	O1002-E55	0.5 5/20/2016	0.32	Step out 10 ft. and retest	No step-out sample	e collected due	to presence of property fence l	ne	
O2197 O2147	0.5			Step out 25 ft. in 4 directions and retest	O2147-N25	0.5	4/15/2016	0.23	Step out 10 ft. and retest	O2147-N35	0.5	4/29/2016	0.14	NFA 01723-E25 at same location Step out 10 ft. and retest		-			-	-			
52171	0.5	7/4/2010		Sup out 25 it. in 4 directions and refest	O2147-W25	0.5	4/15/2016	0.50	Step out 10 ft. and retest	No step-out sample	collected di	ie to presence	e of sample (	O1723-E25 at same location			L						
02107		1/1/4411			O2147-S25	0.5	4/15/2016	0.64	Step out 10 ft. and retest Step out 10 ft. and retest	O2147-835	0.5	4/29/2016	2.7	Step out 10 ft. and retest	O2147-S45	0.5 5/20/2016	ND	N/A					
O2196 O2193	0.5	4/4/2016	0.11	Not sampled due to rock pile.						1	1	-					-		1				
O2194				Not sampled due to rock pile.						<b> </b>	<b>†</b>		<del> </del>						1				
O2195		4/4/2016		NEA																			
O2198 O2199	0.5	4/4/2016 4/4/2016	0.21 ND	NFA NFA						<b>+</b>	+	<del> </del>	<b></b>						+	-			
O2201	0.5	4/4/2016	ND	NEA						<u> </u>			<u> </u>						<u> </u>				
O2200	0.5	4/4/2016	ND	NEA							1												
O2202 O2203	0.5	4/4/2016	ND	NEA NEA			-	+		<del> </del>	<del> </del>	<del> </del>	<del> </del>			<del> </del>			<del> </del>	-			
O2205	0.5	4/4/2016	ND	NEA						<b>1</b>													
O2204	0.5	4/4/2016	ND	NEA								ļ	ļ										
O2207 O2206		4/4/2016 4/4/2016		MFA MFA						-	-	-					-		-				
O2208	0.5	4/4/2016	ND	WA			· · · ·			<u> </u>													
O2209	0.5	4/4/2016	ND	NEA																			
O2211 O2210	0.5	4/4/2016 4/4/2016	ND	NEA NEA		-		+ +		<del> </del>	+	<del> </del>	+				<del> </del>		<del> </del>	<del> </del>			
O2210 O2212 O2213	0.5	4/4/2016	ND	NEA						<u> </u>		t	<del>                                     </del>						1				
O2213		1/1/4/4/		Not sampled due to rock pile.						ļ	1	ļ	ļ						<u> </u>				
O2251 O2191	0.5	4/4/2016 4/4/2016	0.18	NEA NEA		-		<del>  -</del>		<b> </b>	<del> </del>	<del> </del>	<del> </del>			<del>  </del>			<del> </del>	-			
O2214 O2250	0.5	4/4/2016 4/4/2016 4/4/2016	0.11	NEA															1				
O2250	0.5	4/4/2016	0.14	WA								ļ	<b></b>										
O2269 O2249		4/4/2016 4/4/2016		MEA MEA		-	-	+ +		<b> </b>	1	-	1				-		1				
O2252				Not sampled due to rock pile.									<u> </u>			<u> </u>							
O2253		4/4/2016	ND	NEA																			
O2254 O2255	0.5	4/4/2016 4/4/2016	ND ND	NEA NEA		-		+		<del> </del>	-		-			<b> </b>			<del> </del>	-	<del></del>		
O2256		4/4/2016							NEA	<b> </b>	<del> </del>	<del> </del>	<del> </del>				<del> </del>		<del> </del>	1			
				· ·	O2256 E25	0.5	4/19/2016	0.0101		02255 772		4 le o le			00056 7775	0.5		Grand Co.	ļ				
	-				O2256-W25	0.5	4/18/2016	0.23 ND	Step out 10 ft, and retest	U2256-W35	0.5	4/29/2016	1.3	Step out 10 ft. and retest	O2256-W45	0.5 5/20/2016	2.3	Step out 20 ft. and retest	<del> </del>	-			
II		1	J			1 0.5	1 -0.10/2010	1 ND 📟		3	1	1	1	n Daviou		1 1	1	I .	1	1 1	1 1		

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		Outsi	de Area Sam	ples			Stej	p Out & Retest				Step	p Out & Ret	est			ıt & Retest	,			Step Out & Retest	Step Out & Retest
	Sample Depth		PCBs			Sample	Date	PCBs			Sample Depth	Date	PCBs			Sample Depth Date	PCBs			Sample	Date PCBs	
Sample ID	(fbg)	Date Collected	(mg/kg)	Action	Sample ID	Depth (fbg)			Action	Sample ID		Collected		Action	Sample ID	(fbg) Collected		Action	Sample ID		Collected (mg/kg) Action	Sample ID
O2259 O2268	0.5	4/4/2016 4/4/2016		Step out 25 ft. in 4 directions and retest	O2268-N25	0.5	4/18/2016	0.16	NFA.													
02208	0.5	4/4/2010	0.42	Step out 25 ft. in 4 directions and refest	O2268-E25	0.5	4/18/2016	0.20	NEA													
					O2268-S25 O2268-W25		4/18/2016 4/18/2016		Step out 10 ft. and retest Step out 10 ft. and retest	O2268-S35 O2268-W35		4/29/2016 4/29/2016		Step out 10 ft. and retest	No step-out sample	collected due to presen	e of sample	O2500-N45 in same vicinity				
O2258	0.5	4/4/2016	0.41	Step out 25 ft. in 4 directions and retest	O2258-W25	0.5	4/18/2016	0.022J	Step out 10 ft. and felest	02206-W33	0.3	4/29/2016	0.060		<b>-</b>							
					O2258-W25	0.5	4/18/2016	0.45	Step out 10 ft. and retest					O2257-E25 at same location	02050 E45	2000000						
					O2258-E25 O2258-S25		4/18/2016 4/18/2016		Step out 10 ft. and retest Step out 10 ft. and retest	O2258-E35 O2258-S35		4/29/2016 4/29/2016		Step out 10 ft. and retest	O2258-E45	0.5 5/20/2016	0.93	Step out 10 ft. and retest	No step-out sample	collected due	to presence of sample O2259 in same vicinity	
O2257	0.5	4/4/2016	0.33	Step out 25 ft. in 4 directions and retest	O2257-N25	0.5	4/18/2016	0.026J	NEA													
					O2257-E25 O2257-S25		4/18/2016 4/18/2016		Step out 10 ft. and retest Step out 10 ft. and retest	No step-out sampl O2257-S35		4/29/2016		O2258-W25 at same location		-/-						
	<b>-</b>				O2257-W25		4/18/2016		N/A	02257-555	1	4/25/2010	0.0173		***		ļ					
O2261 O2262	0.5	4/4/2016 4/4/2016	0.11 ND	NEA NEA																		
O2262	0.5	4/4/2016		34						-	+	·					<b>†</b>		<b> </b>			
O2263	0.5	4/4/2016	0.90	Step out 25 ft. in 4 directions and retest	O2263-N25		4/18/2016		NFA													
ļ	-				O2263-S25 O2263-W25		4/18/2016 4/18/2016		AFA NEA	<b>}</b>	-						<del> </del>					
O1726-E25	0.5	4/4/2016	1.5	Step out 10 ft. and retest	O1726-N35	0.5	4/18/2016	0.79	Step out 10 ft. and retest	O1726-N45		4/29/2016		Step out 10 ft. and retest				O2500-W35 in same vicinity				
O1726-N25 O1726-S25	0.5		0.38 0.21	Step out 10 ft. and retest	O1726-E35	0.5	4/18/2016	5.7	Step out 10 ft. and retest	O1726-E45	0.5	4/29/2016	4.7	Step out 10 ft. and retest	O1726-E55	0.5 5/20/2016	0.28	Step out 10 ft. and retest	No step-out sample	collected due	to presence of sample O2271 in same vicinity	
O1726-W25	0.5	4/4/2016	0.031	NE A																		
O1677-E25 O1677-N25		4/5/2016 4/5/2016	0.26	Step out 10 ft. and retest	O1677-E35 O1677-N35		4/19/2016 4/19/2016		NEA NEA													
O1677-N25		4/5/2016	35.3	Step out 10 ft. and retest Step out 10 ft. and retest	O1677-N33		4/19/2016		Step out 10 ft. and retest	O1677-S45	0.5	5/3/2016	3.9	Step out 10 ft, and retest	O1677-S55	0.5 5/12/2016	1.2	Step out 10 ft. and retest	No step-out sample	collected due	to presence of sample O2171 in same vicinity	
O1677-W25	0.5	4/5/2016	0.92	Step out 10 ft. and retest	O1677-W35			0.73	Step out 10 ft. and retest	O1677-W45		5/3/2016		Step out 10 ft. and retest	O1677-W55						to presence of sample O2225 in same vicinity	
O2223 O1683-N25		4/5/2016 4/5/2016		Step out 10 ft. and retest	O1683-N35	0.5	4/19/2016	1.1	Step out 10 ft. and retest	O1683-N45	0.5	4/29/2016	0.16	NFA	<b> </b>		<b> </b>		<b> </b>			
O1683-E25	0.5	4/5/2016	3.78	Step out 10 ft. and retest	O1683-E35		4/19/2016		Step dur to the and to est	12.00			1		<b></b>		ļ					
O1683-S25 O1683-W25	0.5	4/5/2016 4/5/2016	0.213J 0.209J	NFA NFA								+			<u> </u>				1	T		
O2226	0.5	4/5/2016	0.167J	NEA																		
O2224	0.5	4/5/2016	13.86	Step out 25 ft. in 4 directions and retest	O2224-N25 O2224-E25		4/19/2016 4/19/2016		Step out 10 ft. and retest	O2224-N35	0.5	4/29/2016	0.15	NIA	L							
			<b>-</b>	1	O2224-S25			0.18	Step out 10 ft. and retest	No step-out sampl				D2225-N25 at same location								
					O2224-W25		4/19/2016		Step out 10 ft. and retest	O2224-W35		4/29/2016			O2224-W45	0.5 5/20/2016	1.4	Step out 10 ft. and retest	No step-out sample	collected due	to presence of sample O2226 in same vicinity	
O2231	0.5	4/5/2016	0.259	Step out 25 ft. in 4 directions and retest	O2231-N25 O2231-E25		4/19/2016 4/19/2016		NFA NFA			+ *					-					
					O2231-W25	0.5	4/19/2016	ND	NEA													
O2232	0.5	4/5/2016	ND	NFA	No south step-or	ut sample collec	ted due to pro	resence of sample	O1683-N35 at same location													
O1698-N25	0.5	4/5/2016	0.089J	WA						<del> </del>			-		<b> </b>		<del> </del>		<del>                                     </del>			
O1698-E25	0.5	4/5/2016	0.997	Step out 10 ft, and retest	O1698-E35	0.5	4/19/2016	1.6	Step out 10 ft. and retest	O1698-E45	0.5	4/29/2016	0.21	Step out 10 ft. and retest	O1698-E55	0.5 5/20/2016	2.6	Step out 10 ft. and retest	No step-out sample	collected due	to presence of sample O2221 in same vicinity	
O1698-S25 O1698-W25	0.5	4/5/2016 4/5/2016	0.165J 0.042	NFA NFA						1	1		-		<b></b>		-					
O2222	0.5				O2222-N25		4/19/2016		NEA													
	-				O2222-E25 O2222-S25		4/19/2016 4/19/2016		Step out 10 ft, and retest	O2222-S35	0.5	4/29/2016	2.7	Step out 10 ft. and retest	No sten-out sample	collected due to presen	re of sample	O2223 in same vicinity				
					O2222-W25		4/19/2016		SIGN A	OLLLE 555	- V.D	1/25/2010	4.0	Step our 10 II. und recon	rto step-out stample	conceied due to presen	- Cor sample	OZZZS III SIANO VICINII)				
O2221 O2238	0.5	4/5/2016 4/5/2016	0.209J 0.012J	NFA NFA						1							ļ					
O2237	0.5				O2237-E25			0.98	Step out 10 ft. and retest	O2237-E35	0.5	4/29/2016	0.79	Step out 10 ft. and retest	No step-out sample	collected due to presen	e of sample	O2220-N25 in same vicinity				
					O2237-S25 O2237-W25	0.5	4/19/2016	0.046	Step out 10 ft, and retest	O2237-W35	0.5	4/29/2016	0.00	Step out 10 ft. and retest	O2237-W45	0.5 5/20/2016	NIT'S					
									O1705-S25 at same location	02231-W33	0.5	4/29/2016	0.90	Step out 10 ft, and retest	U2237-W43	0.5 3/20/2016	IND	NFA.	1			
O2239	0.5	4/5/2016	2.67	Step out 25 ft. in 4 directions and retest	O2239-N25		4/19/2016		NFA								ļ					
					O2239-E25 O2239-S25		4/19/2016 4/19/2016		MFA MFA			-					-					
					O2239-W25	0.5	4/19/2016		NFA								L.,					
O1705-N25 O1705-E25	0.5													Step out 10 ft. and retest								1
O1705-S25		4/5/2016 4/5/2016		Step out 10 ft, and retest Step out 10 ft, and retest	O1705-N35 O1705-E35		4/20/2016 4/20/2016		Step out 10 ft. and retest	O1705-N45 O1705-F45		4/29/2016 5/20/2016				collected due to present collected due to present						
O1705-W25 O2275	0.5	4/5/2016 4/5/2016	0.94 0.53	Step out 10 ft. and retest Step out 10 ft. and retest	O1705-E35 O1705-S35	0.5 0.5	4/20/2016 4/20/2016	8.0 0.46	Step out 10 ft, and retest Step out 10 ft, and retest Step out 10 ft, and retest	O1705-E45	0.5	5/20/2016	18					O2243 in same vicinity O2219 in same vicinity				
1-22.0	0.5	4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest	O1705-E35 O1705-S35 No step-out sam	0.5 0.5 aple collected du	4/20/2016 4/20/2016 te to presence	8.0 0.46 e of sample O2239	Step out 10 ft. and retest 9-E25 at same location	O1705-E45	0.5	5/20/2016	18	Step out 10 ft. and retest								
I		4/5/2016 4/5/2016	0.94 0.53	Step out 10 ft. and retest Step out 10 ft. and retest	O1705-E35 O1705-S35 No step-out sam O2275-N25 O2275-E25	0.5 0.5 uple collected du 0.5 0.5	4/20/2016 4/20/2016 te to presence 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND	Step out 10 ft, and retest -E25 at same location NFA SEA	O1705-E45	0.5	5/20/2016	18	Step out 10 ft. and retest								
	0.5	4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest	O1705-E35 O1705-S35 No step-out sam O2275-N25 O2275-E25 O2275-S25	0.5 0.5 uple collected du 0.5 0.5 0.5	4/20/2016 4/20/2016 ie to presence 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND	Step out 10 ft, and retest -E25 at same location NEA NFA NFA	O1705-E45	0.5	5/20/2016	18	Step out 10 ft. and retest								
O2276	0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest	O1705-E35 O1705-S35 No step-out sam O2275-N25 O2275-E25	0.5 0.5 iple collected du 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 te to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2239 0.054 ND ND ND	Step out 10 ft. and retest	O1705-E45 No step-out sampl	0.5 le collected d	5/20/2016 tue to presenc	18 ce of sample o	Step out 10 ft. and retest								
O2276 O2273	0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-E25 02275-E25 02275-W25 02275-W25	0.5 0.5 uple collected du 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND ND ND ND	Step out 10 ft. and retest PE25 at same location SEA NEA NEA Step Step out 10 ft. and retest	O1705-E45 No step-out sampl	0.5 le collected d	5/20/2016 tue to presenc	6 18 te of sample 6 6 0.14	Step out 10 ft. and retest O2237 at same location  NEA	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
	0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 No step-out sam 02275-N25 02275-E25 02275-S25 02275-W25 02273-N25 02273-E25 02273-E25	0.5 0.5 uple collected du 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 te to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 c of sample O2236 0.054 ND ND ND ND 0.36 0.35	Step out 10 ft. and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35	0.5 le collected d	5/20/2016 flue to presenc 4/29/2016 4/29/2016	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft. and retest 02237 at same locatior	No step-out sample	collected due to presen	e of sample					
O2273	0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest	O1705-E35 O1705-E35 No step-out sam O2275-N25 O2275-E25 O2275-E25 O2275-W25	0.5 0.5 iple collected du 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 ie to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 c of sample O2235 0.054 ND ND ND ND 0.36 0.35 0.17	Step out 10 ft. and retest -E25 at same location SFA NFA NFA NFA SFS Step out 10 ft. and retest Step out 10 ft. and retest	O1705-E45 No step-out sampl	0.5 le collected d	5/20/2016 tue to presenc	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft. and retest O2237 at same location  NEA	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
	0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 No step-out sam 02275-N25 02275-E25 02275-S25 02275-W25 02273-N25 02273-E25 02273-E25	0.5 0.5 iple collected du 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 c of sample O2235 0.054 ND ND ND ND 0.36 0.35 0.17	Step out 10 ft, and retest -E25 at same location NFA NFA NFA Step out 10 ft, and retest Step out 10 ft, and retest Step out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35	0.5 le collected d	5/20/2016 flue to presenc 4/29/2016 4/29/2016	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft, and retest 02237 at same locatior  NES Step out 10 ft, and retest	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
O2273 O2274 O2183 O1682-N25	0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 12 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 No step-out sam 02275-N25 02275-E25 02275-S25 02275-W25 02273-N25 02273-E25 02273-E25	0.5 0.5 iple collected du 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 c of sample O2235 0.054 ND ND ND ND 0.36 0.35 0.17	Step out 10 ft, and retest -E25 at same location NFA NFA NFA Step out 10 ft, and retest Step out 10 ft, and retest Step out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35	0.5 le collected d	5/20/2016 flue to presenc 4/29/2016 4/29/2016	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft, and retest 02237 at same locatior  NES Step out 10 ft, and retest	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
O2273  O2274  O2183  O1682-N25  O1682-E25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.102J	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NEA Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-E25 02275-E25 02275-E25 02273-E25 02273-E25 02273-E25 02273-E25	0.5 0.5 uple collected du 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 te to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND ND ND ND 0.36 0.35 0.17 4.1	Step out 10 ft, and retest -E25 at same location NFA NFA NFA STEP Step out 10 ft, and retest Step out 10 ft, and retest Step out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35	0.5 le collected d	5/20/2016 flue to presenc 4/29/2016 4/29/2016	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft, and retest 02237 at same locatior  NES Step out 10 ft, and retest	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
O2273  O2274  O2183  O1682-N25  O1682-E25  O1682-S25  O1682-W25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.102J 0.247 6.72	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  NEA Step out 25 ft. in 4 directions and retest  NEA Step out 25 ft. in 4 directions and retest  NEA STEP STEP STEP STEP STEP out 10 ft. and retest Step out 10 ft. and retest	01705-E35 01705-E35 No step-out sam 02275-N25 02275-E25 02275-S25 02275-W25 02273-N25 02273-E25 02273-E25	0.5 0.5 uple collected du 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND ND ND ND 1.036 0.35 0.17 4.1	Step out 10 ft, and retest -E25 at same location NFA NFA NFA Step out 10 ft, and retest Step out 10 ft, and retest Step out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35	0.5 le collected d	5/20/2016 flue to presenc 4/29/2016 4/29/2016	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft, and retest 02237 at same locatior  NES Step out 10 ft, and retest	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
O2273  O2274  O2183  O1682-N25  O1682-S25  O1682-S25  O1682-W25  O2178	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.102J 0.247 6.72 0.022J	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NEA.  Step out 25 ft. in 4 directions and retest  NEA.  Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-E25 02275-E25 02273-W25 02273-E25 02273-E25 02273-E25 02273-W25	0.5 0.5 uple collected du 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND ND ND ND 1.036 0.35 0.17 4.1	Step out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35	0.5 le collected d	5/20/2016 flue to presenc 4/29/2016 4/29/2016	6 18 te of sample 6 0.14 6 0.81	Step out 10 ft, and retest 02237 at same locatior  NES Step out 10 ft, and retest	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
O2273  O2274  O2183  O1682-N25  O1682-E25  O1682-S25  O1682-W25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.10247 6.72 0.0227 ND	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA  NFA  NFA  Step Step out 10 ft. and retest Step out 10 ft. and retest  NFA  Step out 10 ft. and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-E25 02275-E25 02273-W25 02273-E25 02273-E25 02273-E25 02273-W25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016 to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 0.46 c of sample O2236 0.054 ND ND ND ND ND 10.36 0.35 0.17 4.1	Step out 10 ft, and retest Step out 10 ft, and retest Step out 10 ft, and retest PE25 at same location SFA NFA NFA NFA STEP Step out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35	0.5 le collected d  0.5  0.5  0.5  0.5	5/20/2016 the to presence  4/29/2016  4/29/2016  4/29/2016  4/29/2016  4/29/2016  4/29/2016	i 18	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest	No step-out sample	collected due to presen	e of sample	O2219 in same vicinity				
02273 02274 02183 01682-N25 01682-825 01682-825 01682-825 01682-825 02184	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.10247 6.72 0.0227 ND	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA  NFA  NFA  Step Step out 10 ft. and retest Step out 10 ft. and retest  NFA  Step out 10 ft. and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-E25 02275-E25 02275-E25 02273-E25 02273-E25 02273-E25 02273-E25 02273-E25 02273-W25 01682-S35 01682-W35	0.5 0.5 uple collected du 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to to presence 4/20/2016 to to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND ND ND 0.36 0.35 0.17 4.1	Siep out 10 ft, and retest	O1705-E45 No step-out sampl  O2273-N35 O2273-E35 O2273-W35  No step-out sampl	0.5 le collected d  0.5	5/20/2016 lue to presenc  4/29/2016  4/29/2016  4/29/2016  blue to presenc  5/2/2016	i 18 te of sample to 18 te of sa	Step out 10 ft. and retest 02237 at same location  NEA Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present collected due to pres	ee of sample	O219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity				
02273 02274 02183 01682-N25 01682-825 01682-825 01682-825 01682-825 02184	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.10247 6.72 0.0227 ND	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA  NFA  NFA  Step Step out 10 ft. and retest Step out 10 ft. and retest  NFA  Step out 10 ft. and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-R25 02275-W25 02275-W25 02273-W25 02273-E25 02273-E25 02273-W25 02273-W25 01682-W35 01682-W35	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to presence 4/20/2016 to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 5/2/2016 4/20/2016 4/20/2016	8.0 0.46 0.46 e of sample O2236 0.054 ND ND ND ND ND 10.36 0.35 0.17 4.1 0.035 1.3	Step out 10 ft. and retest	O1705-E45 No step-out sampl  O2273-N35 O2273-E35 O2273-W35  No step-out sampl  O2220-E35 O2220-E35	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  0.5  0.	5/20/2016 the to presence  4/29/2016  4/29/2016  4/29/2016  the to presence	18   18   18   18   18   19   19   19	Step out 10 ft. and retest 02237 at same location  NEA Step out 10 ft. and retest  Step out 10 ft. and retest  O2219-S25 at same location Step out 10 ft. and retest Step out 10 ft. and retest	No step-out sample  No step-out sample  No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity  O1719-W25 in same vicinity				
02273 02274 02183 01682-N25 01682-825 01682-825 01682-825 01682-825 02184	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.010 0.102J 0.102J 0.022J ND 7.5	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA  NFA  NFA  Step Step out 10 ft. and retest Step out 10 ft. and retest  NFA  Step out 10 ft. and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-E25 02275-E25 02275-E25 02273-E25 02273-E25 02273-E25 02273-E25 02273-W25 02273-W25 02273-W25 02273-W25 02273-W25 02273-W25 0220-S25 0220-E25 02220-S25 02220-W25 022219-W25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 te to presence 4/20/2016 te to presence 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016 4/20/2016	8.0 0.46 0.46 e of sample 0.2236 0.054 ND ND ND ND 0.36 0.35 0.17 4.1 0.035 1.3	Siep out 10 ft, and retest	O2273-W35 O2273-W35 O2273-W35 O2273-W35 O2273-W35 O220-E35 O2220-E35 O2220-W35	0.5 le collected d  0.5   0.5	5/20/2016 the to presence  4/29/2016  4/29/2016  4/29/2016  5/2/2016  5/2/2016	i 18 ce of sample to 18 i 0.14 i 0.81 i NID ce of sample to 18 i 0.53 s.5 o.78	Step out 10 ft. and retest 02237 at same location  NEA Step out 10 ft. and retest  Step out 10 ft. and retest  O2219-S25 at same location Step out 10 ft. and retest Step out 10 ft. and retest	No step-out sample  No step-out sample  No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity				
02273 02274 02183 01682-N25 01682-E25 01682-825 01682-825 02178 02184 02220	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.010 0.102J 0.102J 0.022J ND 7.5	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  NFA Step out 25 ft. in 4 directions and retest  NFA Step out 25 ft. in 4 directions and retest  NFA Step out 25 ft. in 4 directions and retest  NFA Step out 10 ft. and retest Step out 10 ft. and retest  NFA Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-R25 02275-W25 02275-W25 02273-W25 02273-W25 02273-W25 02273-W25 02273-W25 02273-W25 02273-W25 01682-W35 01682-W35 02200-E25 02220-W25 02220-W25 02220-W25 02219-N25 02219-N25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 4/20/2016	8.0 0.46 0.46 c of sample O2236 0.054 ND ND ND ND 0.36 0.35 0.17 4.1 0.035 1.3 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	Step out 10 ft. and retest	O1705-E45 No step-out sampl  O2273-N35 O2273-E35  O2273-W35  No step-out sampl  O2220-E35 O2220-E35 O2220-S35 No step-out sampl	0.5 le collected d  0.5   0.5	5/20/2016 the to presence  4/29/2016  4/29/2016  4/29/2016  4/29/2016  5/2/2016  5/2/2016  5/2/2016  5/2/2016  5/2/2016	i 18 ce of sample (  0.14 i 0.14 i 0.81 i ND  ce of sample (  0.53 5.5 0.78 ce of sample (	Step out 10 ft. and retest 02237 at same location  SHA.  Step out 10 ft. and retest  NEA.  Step out 10 ft. and retest  Step out 10 ft. and retest  Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest	No step-out sample  No step-out sample  No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity				
02273  02274 02183 01682-N25 01682-S25 01682-S25 01682-S25 01682-W25 02178 02184 02220	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NEA Step out 25 ft. in 4 directions and retest  NEA NEA STEP STEP STEP out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-N25 02275-W25 02275-W25 02273-N25 02273-N25 02273-N25 02273-N25 02273-N25 02273-W25 02273-W25 02273-W25 0220-E25 0220-E25 0220-E25 0220-W25 02219-E25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to presence 4/20/2016 to presence 4/20/2016 4/	8.0 0.46 0.46 0.046 0.054 ND ND ND ND ND 0.36 0.35 0.17 4.1 0.035 1.3 11 0.58 2.4 1.5 11 0.061 3.3 3.3 secuce of sample C2236	Siep out 10 ft. and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 No step-out sampl O220-E35 O2220-S35 O2220-W35 No step-out sampl No step-out sampl	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  le collected d  0.5  0.5  0.5 le collected d	5/20/2016 the to presence  4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 the to presence	18   18   18   18   18   18   18   18	Step out 10 ft. and retest 02237 at same location  NEA.  Step out 10 ft. and retest  Step out 10 ft. and retest  102219-S25 at same location  Step out 10 ft. and retest 02218-S25 at same location  02219-N25 at same location	No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity				
02273 02274 02183 01682-N25 01682-E25 01682-825 01682-825 02178 02184 02220	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NEA Step out 25 ft. in 4 directions and retest  NEA NEA STEP STEP STEP out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-E35 01705-S35 No step-out sam 02275-S25 02275-W25 02275-W25 02273-W25 02273-E25 02273-E25 02273-E25 02273-E25 02273-E25 02273-W25 01682-W35 01682-W35 02200-E25 02200-E25 02220-W25 02219-W25 02219-W25 02219-W25 02218-S25 No west step-out 02218-W25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to to presence 4/20/2016 to to presence 4/20/2016	8.0 0.46 e of sample O2236 0.054 ND ND ND ND 0.36 0.35 0.17 4.1 0.035 1.3 11 0.58 2.4 1.5 11 11 0.061 3.3 3.3 sence of sample C	Siep out 10 ft. and retest	O1705-E45 No step-out sampl  O2273-N35 O2273-E35  O2273-W35  No step-out sampl  O2220-E35 O2220-E35 O2220-S35 No step-out sampl	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  le collected d  0.5  0.5  0.5 le collected d	5/20/2016 the to presence  4/29/2016  4/29/2016  4/29/2016  4/29/2016  5/2/2016  5/2/2016  5/2/2016  5/2/2016  5/2/2016	18   18   18   18   18   18   18   18	Step out 10 ft. and retest 02237 at same location  NEA.  Step out 10 ft. and retest  Step out 10 ft. and retest  102219-S25 at same location  Step out 10 ft. and retest 02218-S25 at same location  02219-N25 at same location	No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity				
02273  02274 02183 01682-N25 01682-S25 01682-S25 01682-S25 01682-W25 02178 02184 02220	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NEA Step out 25 ft. in 4 directions and retest  NEA NEA STEP STEP STEP out 10 ft. and retest Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-N25 02275-W25 02275-W25 02273-N25 02273-N25 02273-N25 02273-N25 02273-N25 02273-W25 02273-W25 02273-W25 0220-E25 0220-E25 0220-E25 0220-W25 02219-E25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to presence 4/20/2016 to presence 4/20/2016 4/	8.0 0.46 0.46 0.046 0.054 ND ND ND ND ND 0.36 0.35 0.17 4.1 0.035 1.3 11 0.061 3.3 3.3 secrete of sample (2236) 1.2 0.039	Siep out 10 ft. and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 No step-out sampl O2220-E35 O220-E35 O220-S35 O220-W35 No step-out sampl No step-out sampl O2218-N35 No step-out sampl	0.5 le collected d  0.5   0.5	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 the to presence	i 18 ce of sample (  i 0.14 i 0.81 ce of sample (  i 0.78 ce of sample (  i 0.81 ce of samp	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  O2219-S25 at same location  Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest	No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity				
02273  02274  02183  01682-N25  01682-E25  01682-825  01682-W25  02178  02184  02220  02219	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.010 0.102J 0.102J 0.102J ND 7.5	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA Step out 25 ft. in 4 directions and retest  NFA STA STA STA STA STA STA STA STA Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest	01705-E35 01705-S35 01705-S35 No step-out sam 02275-N25 02275-E25 02275-E25 02275-E25 02273-W25 02273-W25 02273-W25 02273-W25 02273-W25 01682-S35 01682-S35 01682-W35 02220-E25 02220-S25 02220-S25 02220-S25 02219-N25 02218-N25 02218-N25 No west step-out 02218-N25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 te to presence 4/20/2016 te to presence 4/20/2016	8.0 0.46 0.46 0.054 ND	Siep out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 No step-out sampl O2220-E35 O220-E35 O220-S35 O220-W35 No step-out sampl No step-out sampl O2218-N35 No step-out sampl	0.5 le collected d  0.5   0.5	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016	i 18 ce of sample (  i 0.14 i 0.81 ce of sample (  i 0.78 ce of sample (  i 0.81 ce of samp	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  O2219-S25 at same location  Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity				
02273  02274 02183 01682-N25 01682-S25 01682-S25 01682-S25 01682-W25 02178 02184 02220	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5 3.0	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA STA STA STA STA STA STA STA STA STA ST	01705-E35 01705-E35 01705-S35 No step-out sam 02275-N25 02275-N25 02275-W25 02275-W25 02273-W25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to to presence 4/20/2016 to to presence 4/20/2016	8.0 0.46 0.46 0.046 0.054 ND ND ND ND ND 0.36 0.35 0.17 4.1 11 0.58 2.4 1.3 11 0.061 3.3 secuce of sample O 1.2 0.039 8.7 8.4	Siep out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 No step-out sampl O2220-E35 O220-E35 O220-S35 O220-W35 No step-out sampl No step-out sampl O2218-N35 No step-out sampl	0.5 le collected d  0.5   0.5	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 the to presence	i 18 ce of sample (  i 0.14 i 0.81 ce of sample (  i 0.78 ce of sample (  i 0.81 ce of samp	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  O2219-S25 at same location  Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present collected due to pres	e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2237-S25 in same vicinity O2237-S25 in same vicinity				
02273  02274  02183  01682-N25  01682-E25  01682-S25  01682-S25  02178  02184  02220  02219	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5 3.0	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA STA STA STA STA STA STA STA STA STA ST	01705-E35 01705-E35 01705-S35 01705-S35 No step-out sam 02275-E25 02275-E25 02275-E25 02275-E25 02273-W25 0273-W25 027	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 te to presence 4/20/2016 te to presence 4/20/2016	8.0 0.46 0.46 0.046 0.054 ND ND ND ND ND 0.36 0.35 0.17 4.1 0.035 1.3 0.58 2.4 1.5 11 0.061 3.3 0.09 8.7 8.4	Siep out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 O2273-W35 O2220-E35 O2220-W35 No step-out sampl O218-N35 No step-out sampl O2218-N35	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  0.5  0.	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 the to presence 5/2/2016 the to presence 5/2/2016 the to presence 5/2/2016	18   18   18   18   18   18   18   18	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest 02219-N25 at same locatior  Step out 10 ft. and retest O2219-N25 at same locatior  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present due to a rock pile.	e of sample e of sample ce of sample e of sample e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2221 in same vicinity O2227-S25 in same vicinity O2237-S25 in same vicinity				
02273  02274  02183  01682-N25  01682-E25  01682-S25  01682-S25  02178  02184  02220  02219	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5 3.0	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA STA STA STA STA STA STA STA STA STA ST	01705-E35 01705-E35 01705-E35 01705-S35 01705-S35 No step-out sam 02275-R25 02275-R25 02275-R25 02273-R25 0228-R25 0228-R25 02218-R25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to presence 4/20/2016 to presence 4/20/2016 to presence 4/20/2016	8.0 0.46 0.46 0.046 0.054 ND	Siep out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 No step-out sampl O2220-E35 O220-E35 O220-S35 O220-W35 No step-out sampl No step-out sampl O2218-N35 No step-out sampl	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  0.5  0.	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 the to presence	18   18   18   18   18   18   18   18	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  O2219-S25 at same location  Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present due to a rock pile.	e of sample e of sample ce of sample e of sample e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2237-S25 in same vicinity O2237-S25 in same vicinity	O2185-855	0.5	5/23/2016 ND	
02273  02274  02183  01682-N28  01682-E25  01682-E25  01682-S25  02178  02219  02219  02218  02218  02218  02218	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.1021 0.247 6.72 0.0221 ND 7.5 37	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NFA STA STA STA STA STA STA STA STA STA ST	01705-E35 01705-E35 01705-S35 01705-S35 No step-out sam 02275-E25 02275-E25 02275-E25 02275-E25 02273-W25 0273-W25 027	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 te to presence 4/20/2016 te to presence 4/20/2016	8.0 0.46 0.46 0.046 0.054 ND	Siep out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 O2273-W35 O2220-E35 O2220-W35 No step-out sampl O218-N35 No step-out sampl O2218-N35	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  0.5  0.	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 the to presence 5/2/2016 the to presence 5/2/2016 the to presence 5/2/2016	18   18   18   18   18   18   18   18	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest O2219-N25 at same locatior  Step out 10 ft. and retest O2219-N25 at same locatior  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present due to a rock pile.	e of sample e of sample ce of sample e of sample e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2227-S25 in same vicinity O2237-S25 in same vicinity O2243 in same vicinity	O2185-S55	0.5	5/23/2016 ND	
02273  02274  02183  01682-N25  01682-E25  01682-S25  01682-S25  02178  02184  02220  02219	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/5/2016 4/5/2016	0.94 0.53 2.2 1.3 ND 12 0.14 0.19 0.040 0.102J 0.22J ND 7.5 37 3.0 0.046 1.31	Step out 10 ft. and retest Step out 10 ft. and retest Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  NEA  Step out 25 ft. in 4 directions and retest  Step out 10 ft. and retest Step out 10 ft. and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest  Step out 25 ft. in 4 directions and retest	01705-E35 01705-E35 01705-E35 01705-S35 01705-S35 No step-out sam 02275-R25 02275-R25 02275-R25 02273-R25 0228-R25 0228-R25 02218-R25	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4/20/2016 to presence 4/20/2016 to presence 4/20/2016 to presence 4/20/2016	8.0 0.46 0.46 0.046 0.054 ND	Siep out 10 ft, and retest	O1705-E45 No step-out sampl O2273-N35 O2273-E35 O2273-W35 O2273-W35 O2220-E35 O2220-W35 No step-out sampl O218-N35 No step-out sampl O2218-N35	0.5 le collected d  0.5  0.5  0.5  0.5  0.5  0.5  0.5  0.	5/20/2016 the to presence 4/29/2016 4/29/2016 4/29/2016 4/29/2016 5/2/2016 5/2/2016 5/2/2016 5/2/2016 the to presence 5/2/2016 the to presence 5/2/2016 the to presence 5/2/2016	18   18   18   18   18   18   18   18	Step out 10 ft. and retest 02237 at same location  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest  NEA  Step out 10 ft. and retest O2218-S25 at same location  Step out 10 ft. and retest O2219-N25 at same locatior  Step out 10 ft. and retest O2219-N25 at same locatior  Step out 10 ft. and retest	No step-out sample  No step-out sample	collected due to present due to a rock pile.	e of sample e of sample ce of sample e of sample e of sample	O2219 in same vicinity O1719-W25 in same vicinity O2184 in same vicinity O2227-S25 in same vicinity O2237-S25 in same vicinity O2243 in same vicinity	O2185-S55	0.5	5/23/2016 ND N	

										rormer rigi	ricultural Par	n, mrci siu	c, cam	101 III.a										
		Outs	de Area Samı	ples			Ster	Out & Retest				Step Out	& Rete	st			Sten Out	& Retest		<u> </u>		Step On	ıt & Retest	Step Out & Retest
	Sample							T T			Sample					Sample						T		
	Depth		PCBs			Sample	Date	PCBs					PCBs			Depth	Date	PCBs			Sample	Date	PCBs	
Sample ID	(fbg)	Date Collected		Action	Sample ID	Depth (fbg)	Collected	(mg/kg)	Action	Sample ID	(fbg) C	Collected (n	ng/kg)	Action	Sample ID	(fbg)	Collected	(mg/kg)	Action	Sample ID	Depth (fbg)	Collected	l (mg/kg) Action	Sample ID
O1719-E25 O1719-N25	0.5	4/6/2016	1.9	Step out 10 ft. and retest	Could not step out				0 000 1													-		
O1719-N25 O1719-S25	0.5	4/6/2016 4/6/2016	0.69 0.011J	Step out 10 ft. and retest	ivo siep-oui sampii	e conecten and	e to presence	or sample 0224	8-S25 at same location				-									-		
01719-W25	0.5		3.6	Step out 10 ft. and retest	O1719-W35	0.5	5/2/2016	1.5	Step out 10 ft. and retest	No sten-out sample	e collected due to	o presence of s	ample O	02273-E25 in same vicinity	<del> </del>							<del> </del>	<del></del>	+
O2248		4/6/2016			O2248-N25		4/20/2016		NEA		T											<b>†</b>		
					O2248-E25		4/20/2016		Step out 10 ft. and retest	O2248-E35	0.5 5			NEA										
					O2248-S25		4/20/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	presence of s	ample O	01719-N25 at same location										
O2272	0.5	4/6/2016	0.80	Step out 25 ft. in 4 directions and retest	O2248-W25 O2272-N25		4/20/2016 4/21/2016		Step out 10 ft. and retest	O2272-N35	0.5	5/3/2016	0.00	Step out 10 ft. and retest	No eten out comple e	ollected do	e to precesse	of cample (	O2271 in same vicinity			-		
02272	0.5	470/2010	0.00	Step out 25 ft. in 4 directions and refest	O2272-E25		4/21/2016		MA	02272-1133	+	7/3/2010	0,00	Step out 10 it. and retest	ivo step-out sample o	onceica da	ic to presence	or sample v	322/1 in same vicinity	<b></b>		<del> </del>		-
					O2272-S25	0.5	4/21/2016	4.3	Step out 10 ft. and retest	O2272-S35	0.5 5	5/3/2016	1.2	Step out 10 ft. and retest	No step-out sample o	ollected du	e to presence	of sample t	O2273-E35 in same vicinity					
					O2272-W25	0.5	4/21/2016	0.99	Step out 10 ft. and retest	O2272-W35	0.5 5	5/3/2016	1.2	Step out 10 ft. and retest	O2272-W45	0.5	5/12/2016	0.13	NEA					
02271		4/6/2016		NEA																				
O2270 O2500	0.5	4/6/2016 4/6/2016	0.064 5.7	Step out 25 ft. in 4 directions and retest	O2500-N25	0.5	4/25/2016	100	Step out 10 ft. and retest	O2500-N35	05 5	5/3/2016		Step out 10 ft, and retest	O2500-N45	0.5	5/12/2016	0.22	Step out 10 ft. and retest	No stan out comple	aslianted du	a to pracance	e of sample O2268-S35 in same vicinity	
02300	0.3	4/0/2010	e de f	Step out 23 ft. fil 4 directions and refest	O2586 E 25		4/25/2016		Step out 10 ft. and retest	O2500-N35			7.9	Step out 10 ft. and retest	O2500-R45		5/12/2016						e of sample O2208-333 in same vicinity	
		-			02500-525		4/25/2016		Step out 10 ft. and retest	O2500-S35		5/3/2016		Step out 10 ft. and retest	O2500-S45		5/12/2016						of sample O1726-N35 in same vicinity	
					O2500-W25	0.5	4/25/2016	6.2	Step out 10 ft. and retest	O2500-W35	0.5 5	5/3/2016	0.38	Step out 10 ft. and retest	O2500-W45	0.5	5/12/2016	12	Step out 10 ft. and retest				e of sample O2260 in same vicinity	
02277		4/6/2016		NEA																				
O2278 O2279	0.5	4/6/2016 4/6/2016		NFA NFA												-						-		
O2279 O2280	0.5	4/6/2016		NA NA				+			-													
O2281	0.5			NEA																		<u> </u>		
O1668-S25	0.5	4/6/2016	0.015J	NEA																				
O1668-N25	0.5	4/6/2016		Step out 10 ft. and retest	O1668-N35		4/21/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	o presence of s	ample O	02286-S25 at same location										
O1668-W25	0.5	4/6/2016	2.86	Step out 10 ft, and retest	O1668-W35	0.5	4/21/2016	0.038	NEA		1 I			4 2 2		-						ļ		
O1668-E25 O2286	0.5	4/6/2016	0.251	Step out 10 ft. and retest Step out 25 ft. in 4 directions and retest	O1668-E35 O2286-N25	0.5	4/21/2016 4/21/2016	0.011 J	Step out 10 ft. and retest	O2286-N35	105 12	5/3/2016	30	Step out 10 ft. and retest	No step out compl	ollected 4:	le to mecons	of cample	O1737-E25 in same vicinity			<b></b>		
04400	0.3	4/6/2016	0.0	Step out 25 ft. in 4 uncertons and retest	O2286-N25 O2286-E25	0.5	4/21/2016	0.31	Step out 10 ft. and retest	O2286-N35 O2286-E35	0.5 5			Support 10 it. and felest	and sup-out sample o	onceita ail	ic to presence	or sample (	o i i o i i caure vicinity	<b> </b>		<del> </del>		1
	1	1			O2286-S25	0.5	4/21/2016	0.33	Step out 10 ft. and retest					01668-N35 at same location				-				<b> </b>		<del> </del>
					O2286-W25	0.5	4/21/2016	0.10	MFA															
O2306	0.5	4/6/2016	6.92	Step out 25 ft. in 4 directions and retest	O2306-N25	0.5	4/21/2016	4.9	Step out 10 ft. and retest	O2306-N35	0.5 5	5/3/2016	2.9	Step out 10 ft. and retest	No step-out sample o	ollected du	e to presence	of sample	O1737-W35 in same vicinity					
					O2306-E25		4/21/2016		NFA	02207 022	1	10/2017												
<b> </b>	<del> </del>	+	<del> </del>		O2306-S25 O2306-W25		4/21/2016 4/21/2016		Step out 10 ft. and retest	O2306-S35	0.5   5	5/3/2016	ND	NFA	l					<b> </b>		<del> </del>	<del></del>	<b>-</b>
O2287	0.5	4/6/2016	0.31	Step out 25 ft. in 4 directions and retest	O2306-W25 O2287-N25		4/21/2016		NEA		+ +	- 100	- 1			-						-	+ +	+
02201	V.D	10.2010		Step cut 25 it. in 1 directions take recos	O2287-S25	0.5	4/21/2016	0.58	Step out 10 ft. and retest	No step-out sample	e collected due to	o presence of s	ample O	2286-E25 at same location	l									
	<b></b>	<b>†</b>			O2287-W25	0.5	4/21/2016	0.75	Step out 10 ft. and retest	No step-out sample	e collected due to	presence of s	ample O	01737-E25 at same location										
					No east step-out sa	mple collecte	d due to pres	ence of sample F	1669-W60 at same location															
O1737-E25	0.5			ΨA																		ļ		
O1737-S25 O1737-N25	0.5		ND 0.013J	NFA SGA																		-		
O1737-W25	0.5		2.6	Step out 10 ft. and retest	O1737-W35	0.5	4/21/2016		Step out 10 ft. and retest	O1737-W45	0,5 5	5/3/2016	0.72	Step out 10 ft. and retest	O1737-W55	0.5	5/12/2016	0.79	Step out 10 ft. and retest	No sten-out sample	collected du	e to presence	of sample O2307 in same vicinity	-
O2307	0.5			Step out 10 it and reces	01/3/-1/35	1 0.5	102112010		Step out to it. and telest	01757-1145	+ *** + *	75/2010	2.1.2	Step out 10 it. and letest	01/3/-1/33		5/12/2010	0.22	Step out 10 It. and lotest	i to step out sample	conceied day	T	S of sample 02507 in same vienni,	<del> </del>
O2312	0.5		0.18	NEA								-												
O2311	0.5	4/6/2016	1.3	Step out 25 ft. in 4 directions and retest	O2311-N25		4/21/2016		Step out 10 ft. and retest	O2311-N35					O2311-N45	0.5	5/12/2016	3.2	Step out 10 ft. and retest	No step-out sample	collected due	e to presence	of sample O1736-S20 in same vicinity	
					O2311-E25		4/21/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	presence of s	ample O	02288-W25 at same location										
	ļ				O2311-S25 O2311-W25	0.5	4/21/2016 4/21/2016	0.012 J	NFA		-											ļ		<b>-</b>
O2314	0.5	4/6/2016	15	Step out 25 ft. in 4 directions and retest	O2314-N25		4/21/2016		Step out 10 ft. and retest	No eten-out comple	e collected due to	o presence of s	ample O	02322-S25 in same vicinity										
OLJ 14	0	40/2010		Siep out 25 ft. in 4 directions and retest	O2314-E25	0.5	4/22/2016	0.60	Step out 10 ft. and retest					02318-W25 in same vicinity								<u> </u>		+
	<b> </b>	·			O2314-S25	0.5	4/22/2016 4/22/2016	8,1	Step out 10 ft. and retest					02313-N25 in same vicinity								<b>†</b>		
					O2314-W25	0.5	4/22/2016	1.4	Step out 10 ft. and retest	O2314-W35	0.5 5/	/10/2016 (	0.039	NFA										
O2313	0.5	4/6/2016	0.24	Step out 25 ft. in 4 directions and retest	O2313-N25		4/21/2016		Step out 10 ft. and retest					02314-S25 in same vicinity										
					O2313-E25 O2313-S25	0.5	4/21/2016 4/21/2016	1.8	Step out 10 ft. and retest					01716-W20 in same vicinity	O2313-S45		5/22/2016	8.70	C	XY	11		6 1 02212	
					O2313-S25		4/21/2016		Step out 10 ft. and retest	02313-833	0.5 5/	/10/2016	0.43	Step out 10 ft. and retest Step out 10 ft. and retest	O2313-W45	0.5	5/23/2016	ND 8	Step out 10 it. and refest	ivo step-out sample	conected day	T presence	e of sample O2312 in same vicinity	
O2318	0.5	4/6/2016	14	Step out 25 ft. in 4 directions and retest	O2318-N25		4/22/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	o presence of s	ample O	01735-S35 in same vicinity	02515-1145	0.2	5/125/1010	- ND				<del> </del>		<b>-</b>
					O2318-E25		4/22/2016		NEA															
					O2318-S25	0.5	4/22/2016	8.3	Step out 10 ft, and retest	No step-out sample	e collected due to	presence of I	OTSC sar	mple B4-N20 in same vicinity										
OLDAS WIDS	2.5	1/2/2012	0.10		O2318-W25	0.5	4/22/2016	20	Step out 10 ft. and retest	No step-out sample	e collected due to	o presence of s	ample O	02314-E35 in same vicinity										
O1735-W25 O1735-S25	0.5	4/6/2016 4/6/2016		Step out 10 ft, and retest	O1735-S35	0.5	1/22/2016	2.2	Step out 10 ft. and retest	No atan out romale	a collected due to	nracanca of c	omnla O	02318-N25 in same vicinity								-		+
O1735-N20	0.5	4/6/2016		Step out 10 it. and telest	01755-555	0.5	4/22/2016	2.2	Step out 10 ft. and felest	140 Step-out sample	T T	presence or s	Т Т	92318-1923 III same vicinity	<del>                                     </del>							ļ		
O1735-R20	0.5			Step out 10 ft. and retest	O1735-E35	0.5	4/22/2016	25	Step out 10 ft. and retest	O1735-E45	0.5 5/	/10/2016	1.6	Step out 10 ft. and retest	O1735-E55	0.5	5/23/2016	0.21	NTA			1		<u> </u>
O2502		4/7/2016			O2502-E25	0.5	4/22/2016	2.0	Step out 10 ft. and retest					01711-W25 in same vicinity										
					O2502-N25	0.5	4/22/2016	ND	MEA															
1					O2502-S25		4/22/2016		Stan out 10 ft and estant	02502 5725	0.0	/10/2016	0.077									-		
O2503	0.5	4/7/2016	1.601	Step out 25 ft. in 4 directions and retest	O2502-W25 O2503-N25		4/22/2016 4/22/2016		Step out 10 ft. and retest	O2502-W35	0.5 5/	/10/2016 (	0.076	¥.	-					ļ		<del> </del>		
02233	1	1112010	1.00/2	Stop out 25 It. In 4 directions and rolest	O2503-N25		4/22/2016		Step out 10 ft, and retest	O2503-E35	0.5 5/	/10/2016	12	Step out 10 ft. and retest	O2503-E45	0.5	5/23/2016	3.4	Step out 10 ft. and retest	No step-out sample	collected this	e to presence	e of sample O1712 in same vicinity	1
		1			O2503-S25	0.5	4/22/2016	0.18	NFA										1	,		,		1
					O2503-W25	0.5	4/22/2016		Step out 10 ft. and retest	O2503-W35	0.5 5/	/10/2016	ND	NEA										
O2504	0.5	4/7/2016	0.231	Step out 25 ft. in 4 directions and retest	O2504-N25	0.5	4/22/2016	0.66	Step out 10 ft, and retest	O2504-N35	0.5 5/	/10/2016	8.7		O2504-N45	0.5	5/23/2016	4.2	Step out 20 ft. and retest					
<b> </b>	<b></b>		ļ		O2504-E25 O2504-S25	0.5	4/22/2016 4/22/2016	0.43	Step out 10 ft, and retest	O2504-E35	0.5 5/ 0.5 5/	/10/2016 0	0.080	889 884						ļ		<b></b>		
	<del> </del>	+	<del> </del>		O2504-S25 O2504-W25	0.5	4/22/2016	2.32	Step out 10 ft. and retest Step out 10 ft. and retest	O2504-S35 O2504-W35	0.5 5/	/10/2016 0	ND	NFA	<b> </b>					<b> </b>		<del> </del>	<del></del>	<b>-</b>
<b> </b>	1	1				0.5	-F-24-4-010	m.7	Sings out 10 tt. and 10 test	O#207 1122	3.0 3/	. 10/20/10				-						1	+	No step-out sample collected due to
																-								presence of sample O2295 in same
O2505	0.5	4/7/2016	27.4	Step out 25 ft. in 4 directions and retest	O2505-E25		4/18/2016		Step out 10 ft. and retest	O2505-E35	0.5 5	5/2/2016		Step out 10 ft. and retest	O2505-E45	0.5	5/11/2016	1.1	Step out 10 ft. and retest	O2505-E55	0.5	5/23/2016	5 3.3 Step out 10 ft. and retest	vicinity.
					O2505-S25		4/18/2016		NEA															
	-	+			O2505-N25		4/18/2016		Step out 10 ft, and retest					02505-S25 at same location	No ston	allacas		1	02224 in com			ļ		
O2288	0.5	4/7/2016	0.20	Step out 25 ft. in 4 directions and retest	O2505-W25 O2288-W25		4/18/2016 4/25/2016		Step out 10 ft. and retest Step out 10 ft. and retest					Step out 10 ft. and retest 02289-S25 in same vicinity	ino step-out sample o	onected du	te to presence	or sample	O2324 in same vicinity	ļ		<b></b>	<del>-  </del>	-
02200	0.3	4/1/2010	0.37	Stop out 25 ft. in 4 directions and refest	02238-823		4/25/2016		Step out 10 II. and retest	a vo sieb-oni sambit	c conceicu due to	, presence of 8	-ширіс О	2207-323 in same vicinity	<del> </del>							<u> </u>	+ +	+
	<b>†</b>	<b>†</b>	<b>T</b>		O2288-525	0.5	4/25/2016	0.53	HA.		<del>                                     </del>					+				<b> </b>		1		<b>†</b>
					O2288-W25	0.5	4/25/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	presence of s	ample O	02311-E25 in same vicinity										
O2289	0.5	4/7/2016	21.1	Step out 25 ft. in 4 directions and retest	O2289-W25	0.5	4/22/2016 4/22/2016		Step out 10 ft. and retest	No step-out sample	e collected due to	o presence of s	ample O	01736-E20 in same vicinity				l						
	ļ <u> </u>				O2289-E25	0.5	4/22/2016	0.19	NFA.				I	2200 3725	L							ļ		
O2290	0.5	1/7/2016	44.5	Step out 25 ft. in 4 directions and retest	O2289-S25 O2290-N25		4/22/2016		Step out 10 ft. and retest Step out 10 ft. and retest	INO step-out sample	e collected due to	presence of s	ample O	02288-N25 in same vicinity Step out 10 ft. and retest	O2290-N45	0.5	5/23/2016	21	Step out 10 ft. and retest	No eten out some!	collected 4-	e to present	e of sample O2506 in same vicinity	+
02270	0.5	4/ // 2016	44.3	step out 25 ft. in 4 uncerions and relest	O2290-N25 O2290-E25		4/22/2016 4/22/2016		Step out 10 ft. and retest Step out 10 ft. and retest	O2290-N35 O2290-E35	0.5 5/				U447U-IN43	0.5	J12312010	31	Step out 10 II. and relest	avo sup-our sample	concued diff	o to presence	or sample 02,000 iii same viciiii)	-
l	<del> </del>	+	<del> </del>		O2290-E25		4/22/2016		Step out 10 ft, and retest					1690-W80 in same vicinity	t					<b> </b>		<del> </del>	<del>                                     </del>	1
		1			O2290-W25		4/22/2016		Step out 10 ft. and retest					02318-E25 in same vicinity						<u> </u>				<u> </u>
O2506		4/7/2016		NEA																				
O1691-N25		4/7/2016		NFA			4 10 5 /5		G	01.601.0		110/07:5		0					01400 1740					
O1691-S25	0.5			Step out 10 ft. and retest	O1691-535	0.5	4/25/2016	0.98	Step out 10 ft. and retest	O1691-S45	0.5 5/	/10/2016	0.35	Step out 10 ft. and retest	No step-out sample o	ollected du	e to presence	of sample	O1690-N60 in same vicinity	ļ		<b> </b>	<del></del>	<b>-</b>
O1691-E25 O1691-W25	0.5	4/7/2016 4/7/2016		Step out 10 ft, and retest	O:69 -W35	0.5	4/25/2016	26	Step out 10 ft. and retest	O1691-W45	0.5 5/	/10/2016	24	Step out 10 ft. and retest	O1691-W55	0.5	5/23/2016	25	Step out 10 ft, and retest	No sten-our comple	collected du	e to precence	e of sample O2506 in same vicinity	-
O1711-N25	0.5	4/7/2016		Step out 10 it, and ielest	***********	3 0.0	Trail/2010		Step out 10 h. and retest	0.1071-1143	0,3 3/	10/2010	÷7	orep our roat, and retest	0.1071-1433	0.5	STEERING TO	and the	step out to it, and retest	a to step-out sample	conceita dili	lo presence	o. sample O2500 in same vicinity	+
O1711-R25		4/7/2016		NEA		<del>                                     </del>		+		<b></b>	<del>  -</del>				t					t		t	<del>                                     </del>	<del>                                     </del>
"			-		•	. '							. '	n Daviau	- '	,	'	,		-		•	•	

	ples	<u> </u>			5	tep Out &	Retes	it			Sten Ou	ıt & Retest		Step Out & Retest				Step Out & Retest							
	Sample				Step						Sample		T	T			Sample		T		+				
	Depth		PCBs		l s	ample	Date	PCBs			Depth		PC	Bs		l	Depth	Date	PCBs			Sample	Date PCBs		
Sample ID		Date Collected	(mg/kg)	Action	Sample ID Dep	th (fbg) Co	llected	(mg/kg)	Action	Sample ID	(fbg)		ted (mg/	ke)	Action	Sample ID		Collected	(mg/kg)	Action	Sample ID	Depth (fbg)	Collected (mg/kg)	Action	Sample ID
O1711-S25	0.5	4/7/2016	0.0171	NEA				(-8-8/			(8)			-8/			(=8)		-8-8			1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·		
O1711-W25	0.5	4/7/2016	0.96	Step out 10 ft. and retest	0.7.1.935	0.5 4/2	5/2016	0.49	Step out 10 ft. and retest	O1711-W45	0.5	5/10/20	016 10	0	Step out 10 ft. and retest	O1711-W55	0.5	5/23/2016	0.16	NEA	<b>!</b>		<del>        </del>		
02295	0.5	4/7/2016	0.054	NEA					or poor to the and the control								1				1				
O2300	0.5	4/7/2016	0.22	Step out 25 ft. in 4 directions and retest	023003025	0.5 4/2	5/2016	1.078	Step out 10 ft, and retest	O2300-N35	0.5	5/10/20	016 1.		Step out 10 ft, and retest	O2300-N45	0.5	5/23/2016	0.24	Step out 10 ft. and retest	No sten-out sam	mle collected du	to presence of sample O1	12 in same vicinity	
								1.366	Step out 10 ft. and retest	O2300-E35	0.5		16 33		Step out 10 ft. and retest	O2300-E45		5/23/2016		NPA		·	T		
	1 1				O2300-W25	0.5 4/2			Step out 10 ft, and retest	O2300-W35	0.5		16 1,		Step out 10 ft. and retest	No step-out sample				O2501-E25 in same vicinity	1				
	<del>  </del>								e O1711-N25 at same location		+	1		-			T . T		1	T	t				
O2301	0.5	4/7/2016	0.10	NEA				T*			1						100				<b>†</b>				
O1731-N25	0.5	4/7/2016	0.18	NEA								1				1	L		1		<del> </del>				
O1731-E25	0.5	4/7/2016	0.14	N/A						<del></del>	<del> </del>			-+				****	<del> </del>		t				
O1731-S25	0.5	4/7/2016	0.41	Step out 10 ft. and retest	0.7314838	0.5 4/2	5/2016	0.37	Step out 10 ft. and retest	O1731-S45	0.5	5/12/20	016 0.2	21	NFA						1				
O1731-W25	0.5	4/7/2016	0.012J	NEA																	1				
O2322	0.5	4/7/2016	9.89	Step out 25 ft. in 4 directions and retest	O2322 N25	0.5 4/2	5/2016	2.2	Step out 10 ft, and retest	O2322-N35	0.5	5/12/20	0.7	76	Step out 10 ft. and retest	No step-out sample	collected du	ie to presence	e of sample	O2323 in same vicinity	1				
	†			·			5/2016		Step out 10 ft. and retest	No step-out sample	collected	due to pres	ence of sam	iple O1	1735-W25 in same vicinity	t			T	T	1				
					02322-825	0.5 4/2	5/2016	5.52	Step out 10 ft. and retest	O2322-S35	0.5		16 8.		Step out 10 ft. and retest	No step-out sample	collected du	ie to presence	e of sample	O2314-N25 in same vicinity					
	† <u>†</u>				O2322-W25	0.5 4/2	5/2016	0.25	Step out 10 ft. and retest	O2322-W35	0.5	5/12/20	0.1	7	NEA		T		T	I .	1				
O2323	0.5	4/7/2016	0.137J	NEA					•												1				
O2325	0.5	4/7/2016	ND	NEA																	1				
O2326	0.5	4/7/2016	0.010J	NEA													†				1				
O2327	0.5	4/7/2016	ND	NEA .																	1				
O2328	0.5	4/7/2016	ND	59.A													1 1				1				
O2329		4/7/2016	ND	NIA												****									
O2330	0.5	4/7/2016	0.169J	NEA							1										1				
O2331	0.5	4/7/2016	8.0	Step out 25 ft. in 4 directions and retest	O2331-N25	0.5 4/2	5/2016	21	Step out 10 ft. and retest	O2331-N35	0.5	5/12/20	16		Step out 10 ft. and retest	No step-out sample	collected du	ie to presenc	e of sample	O2504-S25 in same vicinity					
						0.5 4/2	5/2016	4.9	Step out 10 ft. and retest	O2331-E35	0.5	5/12/20	16 0.7	72	Step out 10 ft. and retest					O2301 in same vicinity					
							5/2016		Step out 10 ft. and retest	O2331-S35	0.5				Step out 10 ft. and retest	No step-out sample	collected di	ie to presenc	e of sample	O2503-N25 in same vicinity					
					O2331-W25	0.5 4/2	5/2016	0.66	Step out 10 ft. and retest	No step-out sample	e collected	due to pres	ence of sam	iple O2	2330 in same vicinity	L									
O2332	0.5	4/7/2016	ND	NEA							T			T											
O2324	0.5	4/7/2016	3.9	Step out 25 ft. in 4 directions and retest			5/2016		NEA																
						0.5 4/2			Step out 10 ft. and retest	No step-out sample	collected	due to pres	ence of sam	iple O1	1735-N20 in same vicinity										
							5/2016		NFA																
									O2505-W25 at same location																
O2501	0.5	4/7/2016	1.44	Step out 25 ft. in 4 directions and retest		0.5 4/1	8/2016	2.8	Step out 10 ft. and retest	O2501-N35	0.5		16 0.8	88		No step-out sample	collected du	ie to presenc	e of sample	O2503-S25 in same vicinity					
						0.5 4/1			Step out 10 ft. and retest	O2501-E35	0.5				MFA										
			_			0.5 4/1	8/2016	0.45	Step out 10 ft. and retest		collected			ple O2	2502-N25 at same location										
					O2501-W25	0.5 4/1	8/2016	43	Step out 10 ft. and retest	O2501-W35	0.5	5/2/20	16 1.5	9	Step out 10 ft. and retest	No step-out sample	collected du	ie to presenc	e of sample	O2332 in same vicinity					
														1000											

Notes: No further action. Result is <0.22 mg/kg.

mg/kg = milligrams per kilogram fbg = feet below grade



